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The

CHEMIST AND DRUGGIST

for RETAILER - WHOLESALER - MANUFACTURER

Established 1859

28 Essex Street, Strand, London, W.C.2.

Registered as a Newspaper

3504 DL. CXLVII

APRIL 19, 1947

Annual Subscription (with Diary) 30/-. Single Copies 1/-.



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a new presentation Takazyma Lozenges

- Takazyma', the effective antacid and starchdigestant, is now available in convenient lozenge form.
- Takazyma' Lozenges are distinctive in that they are the only antacid lozenges which contain the powerful starch-digesting enzyme Taka-Diastase.
- 'Takazyma' Lozenges are available in bottles of 30 and 100.



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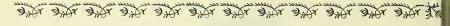
LABORATORIES: HOUNSLOW · MIDDLESEX
Inc. U.S.A., Liability Ltd.



This mother knows that prompt use of MILTON on cuts and grazes means rapid healing.

But do all your customers know?

Why not tell them about MILTON!



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creators of

FINE PERFUMES COSMETICS AND TOILET SOAPS

Have vacancies for six representatives to cover the following territories

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Durham
Cumberland
Westmorland

Warwickshire
Oxfordshire
Buckinghamshire
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Cheshire North Wales (including Anglesey) Shropshire Staffordshire Worcestershire

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Norfolk Suffolk Huntingdonshire Cambridgeshire Bedfordshire Hertfordshire Essex

The positions are permanent, carry excellent salary, and all expenses. Applicants must have first-class experience and record and must live on the territory. Age should not exceed 40 years. Applications, giving fullest details, which will be treated in confidence, must be by letter only, addressed to

SALES MANAGER, BOURJOIS LIMITED 36, Grove Road, Sutton, Surrey

The envelope should be marked in left-hand corner "Representative"



PACKAGING ANNOUNCEMENT

It is our first intention these difficult days to maintain supplies.

In present circumstances packings, particularly glass bottles and vials, must suffer both in quality, type and presentation, but your indulgence is asked in support of a policy which, in the national interest, puts maintenance of output as a first priority.

As an emergency measure we are now utilizing the war-time cardboard pack designed for Crookes Halibut Oil 100 capsules, but bearing a red printed sticker which states the contents as 25 capsules and the retail price 2/6.

Such measures may have to be taken where other preparations are concerned but, whatever expedients we have to employ to maintain supplies, we give our assurance that the quality of the preparations themselves is in no way affected thereby.

THE CROOKES LABORATORIES LIMITED PARK ROYAL LONDON, N.W.10

ndells

FOR FEMININE HYGIENE" ASK FOR BOOKLET,

A window display which attracts new customers

SANTRON RENDELLS SILATEX MENSINOLE RENDELL GELS

Women look for the chemist who has Rendells Products on display. A range of Rendells Products on view also gives confidence to regular customers. Get your share of the increasing demand created by our advertising and personal recommendation-by displaying Rendells Products on the counter if you cannot manage a window display.

PRODUCIS REMININE HYGIENE

FOR

If you need more up - to - date show material, just let us know. We can help you attract those new customers and keep the old.

PATA

W. J. RENDELL LTD., 161, ROSEBERY AVE., LONDON, E.C.I

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Vitamin C B.D.H. is commonly prescribed where the need for this essential substance cannot be met from natural sources.

Vitamin C, manufactured by The British Drug Houses Ltd. maintains the high standard of ourity and reliability associated with B.D.H. medical products, all of which the pharmacist an dispense with confidence. Adequate supplies of tablets containing 5, 25 and 0 mg., are available in the packings inlicated below.

Strength	Size	Trade	Professional	Retail
5 mg.	50	10d.	1.1	1/3
	*500	4/4	5/9	6/6
	*1000	8/ —	10/9	12/-
25 mg.	20	9d.	1/-	1/1
	100	2/8	3/6	4/-
	*500	11/8	15/9	17/6
	*1000	22/4	30/2	33/6
50 mg.	20	1/4	1/9	2/-
	100	4/4	5/9	6/6
	*500	20/	27/-	30/-
	*1000	39/	52/8	58/6

ot subject to Purchase Tax. *For dispensing only.



HE BRITISH DRUG HOUSES LTD. LONDON N.I

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Fig. 722

WHITE FLINT OVAL POISONS with Screw Plastic

Caps Caps

 $\frac{1}{2}$ oz. 29/9 gross

FROM STOCK

NAIL VARNISH OR CORN SOLVENT BOTTLES

2 dram SIZE Fig. 726A

Round White Flint with Screw Plastic Cap

With Caps only - 2/9 dozen
Fitted dip rods - 3/6 ,,

,, brushes - 5/- ,,

M. J. FECHER LTD.
121 High Street,
SLOUGH · BUCKS
Phone: SLOUGH 21864



Fig. 826A

WHITE FLINT
SQUARES
with Screw Plastic

Caps

2 oz. 46/6 gross



Phensic, Dr. Cassell's, Veno's Lightning Cough Mixture, Germolene and Germoloids are always in demand. Each is backed by extensive and unceasing National and Provincial advertising. You can be assured of regular repeated business on a profitable basis. Please let us know your requirements.

TERMS: Combined orders amounting to £3 and upwards from qualified Chemists will be subject to 10% for display co-operation in addition to our usual 2½% discount for monthly account.



VENO DRUG CO. LTD. CHESTER RD., MANCHESTER 16

Phensic

Cassell's

Veno's

Germolene

Germoloids



PILLS & TABLETS

PACKED OR IN BULK COATED OR UNCOATED STANDARD OR SPECIAL FORMULÆ

ARTHUR H.COX&CO.LTD.

BRIGHTON

'NESTROVITE'

IMPORTANT NOTICE

from

ROCHE PRODUCTS LIMITED

Please note that from May 1st, 1947 the distribution of 'Nestrovite' Tablets and Emulsion will be taken over by our friends Nestlé's Milk Products Limited. On and after that date, all orders and correspondence regarding 'Nestrovite' should be sent to:—

NESTLÉ'S MILK PRODUCTS

LIMITED

6 & 8 · EASTCHEAP · LONDON · E.C.3

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Shortage of cases is causing delay in deliveries of Andrews. Will customers please co-operate by returning empty cases immediately? Postage or carriage will be credited.

TO SEND Fold cases flat, flaps inside, tie up. Ready addressed gummed labels obtainable from our travellers, or direct from us. Up to 15 lbs.: by post (state cost on label). Over 15 lbs.: by rail, c/fwd.

(or state cost on label).

ANDREWS

SCOTT & TURNER LTD., Andrews House, Newcastle-upon-Tyne 2 YOU CAN
BANK OR
REPEATS

CANCAND
CANCA

ZAC Super

(ZINC, CASTOR OIL, ETC.)

* NATIONALLY & LOCALLY ADVERTISED

** FULL 331 % PROFIT

BONUS: 13 to the dozen on Gross Lots
4 oz. IAR RETAIL: 2/3 Inc. Tax. COST: 17/6 Doz.

4 oz. JAR RETAIL: 2/3 Inc. Tax. COST: 17/6 Doz. plus 163% P.T. 2™oz. JAR RETAIL: ≤1/3 Inc. Tax. COST: 9/6 Doz. plus 163% P.T.

FORMULÆ: Potassi Hydroxyquinolini Sulphas B.P.C., 5-Amino-Acridine Hydrochlor, Zinc Oxide B.P., Castor Oil B.P.

ORDER NOW! Ask also for ZAC DUSTING POWDER, ZAC GRIPE MIXTURE and ZAC SYRUP OF FIGS.

HOUGH HOSEASON & CO., LTD.

Manufacturing Chemists
LEVENSHULME, MANCHESTER, 19.
Members of the P.A.T.A.

(TIO)

ANNOUNCEMENT TO WHOLESALERS

The pioneer selling schemes which we have been running in a number of districts have provided valuable information, in particular regarding Retailers' stocks.

In many cases Retailers were short of KORAY products, although we knew that their Wholesalers held stock. May we send you stickers for affixing to your correspondence, so that your Retailers know you are stocking KORAY products?

Incidentally, if we carry out a pioneer scheme in your area, all sales to Retailers will be drawn from your stock, as our sole purpose is to assist you in securing the fullest distribution of our merchandise.

Our plans for 1947 include a very large increase in our national advertising, in pursuance of our policy not only to make a quick turnover of our products from your shelves to the Retailer, but also from the Retailer to the public. An even greater public demand for KORAY products will be assured in 1947, which means increased demand from the Retailer, which only you can satisfy. We know we can count on your co-operation and assistance.

TO RETAILERS

Your Wholesaler is almost certainly carrying stocks of KORAY products. Ask him for them, and be ready for the biggest demand in the history of The House of KORAY.



10

 $3\frac{1}{2}$: 7° : 1/5: 2/10

THE HOUSE OF KORAY

25 HANGVER SQUARE, LONDON, V

'SURE SHIELD'



Products

Due to shortage of supplies, combined with the curtailment of our staff, we wish to assure our many trade friends that we are using every effort to maintain an equitable distribution of our Products.

Please Note

1st. All Orders are forwarded in strict rotation, and we are now 15 weeks behindhand in delivery.

2nd. Due to the position, all additions can only be treated as separate orders.

3rd. When writing with reference to an order on hand, please give exact date when sent on.

" SURE SHIELD "

Registered Trade Mark

IODISED THROAT TABLETS
FRUIT LAXATIVES
GLYCERINE OF THYMOL
PASTILLES

PASTILLES LOZENGES TABLETS

Thos. Guest & Co. Ltd. Manufacturing Chemists
Carruthers Street, Manchester, 4



Rhumuv Capsules give maximum relief from rheumati pains, headaches, neuralgia, influenza, feverish colds, etc Attractive trial show outer now available, containin

6 x 3/6d Rhumuv Capsules @ 24/- doz. ==12/- + P.Tax 2/-=14/-1 only 6 6d. Rhumuv Capsules @ 44/6d.

1 only 6/6d. Rhumuv Capsules @ 44/6d. per doz.—3/8½d.+P.Tax 7½d.—4/4d. Postage Free per carton. Total cost - 18/4d. Orders filled in strict rotation from—

Simpkins of Sheffield

NIGROIDS

HERI

despread ading Col

Pack

HOBSON

NON

CUTHERN

for the throat & voice

FERRIS & COMPANY LIMITED, BRISTOL



9d. BOX PROFIT by ordering I dozen 2/10 size. Bonus box given on every dozen (13). It pays to push this size.

C. & G. KEARSLEY LTD.

71 Dartmouth Rd., London, S.E.23 Est. 1787 In the Reign of King George III 947



HERE'S A CORN REMEDY YOU CAN'T BEAT Hobson's Choice removes Corns in 3 to 7 days,

Hobson's Choice removes Corns in 3 to 7 days, it is safe, sure and painless. Backed up by widespread advertising it has become the leading CORN CURE on the market to-day.



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ANY

EY LTD

Plaisters - 2d.

Powders - 11d.

Combination Pack - 9d.



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Sole distributors for Scotland:
SOUTHERN MANUFACTURING CO., LTD.,
187, St. Vincent Street. Glasgow, C.2.



for healthy hair—

NODAN—prepared from a highly scientific formula — clears dandruff and scurf and retards baldness. It penetrates deeply, acts *quickly*.

Price to public 3 101 inc. tax

NODAN

Display material available

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HEWSOL

Brand

Trade Mark

THE PERFECT GERMICIDE FOR THE HOME

Hewsol has a high bactericida value, and is non-poisonous and non-corrosive.

> In white glass bottles of 4 and 8 fl. ozs. packed in counter display as illustrated.

NEW RETAIL PRICES: 4-oz. $1/2\frac{1}{2}d$.; 8-oz. 2/ld. inc. Purchase Tax. $33\frac{1}{3}\%$ Discount to Pharmacists

C. J. HEWLETT & SON, LTD

Manufacturing Chemists

35-43, Charlotte Rd., London, E.C.

SHAMPOOSHEEN

Superior Shampoo

For all shades of hair, and all members of the family

SHAMPOOSHEEN CREAM

Packed in Tubes Retailing 10 d. Display Outers of 3 doz. 18/- Plus 6/- P.T.

> SHAMPOOSHEEN DE LUXE LIQUID SHAMPOO

Retail 2/6. Per doz. 18/- Plus 6/- P.T.

Shampoos SHEEN into hair USED IN THE FOREMOST SALONS

Bulk Supplies for Hairdressers

Distributing Agents-ANGEENE, 20 PARKSIDE, N.W.2

LOVELUCK EDWARDS & Co. 432/438 GARRATT LANE, S.W.18



IOTION The Original GUARANTEED Tonic

S. SIGAL & CO LTD.

MANUFACTURERS OF EXCLUSIVE TOILET PREPARATIONS. 47 TABERNACLE ST., LONDON, E.C.2



DEVON LILAC TALCUM POWDER

Limited supplies now available for the home market.

Visit our Stand A 1 3 1 7 Chemists' Supplies Section, British Industries Fair.

Manufactured by D. Devon Ltd. Sole distributors for United Kingdom

STANWHITE LIMITED PARKHOUSE STREET, CAMBERWELL LONDON, S.E.S. TELEPHONE RODNEY 4416

LIMITED



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& WELL

The House of Sutton

have pleasure in announcing their appointment as

SOLE DISTRIBUTORS OF



CHOCOLATE-COATED

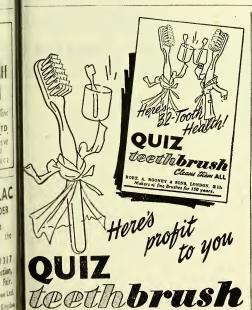
RETAIL 6/- @ 48/- PER DOZ. Not subject to Purchase Tax. Orders taken in strict rotation.

SUTTON & CO. DRUGGISTS SUNDRIES

Horseshoe Lane, Enfield, Middlesex.

LONDON Established 1660

Tele.: Enfield 4747 (10 lines) Grams ; Vinaigrette, Enfield



ROBT. A. ROONEY & SONS, LONDON E.17

Makers of fine Brushes for 150 years

CASH IN ON HERBALENE

Extensive advertising in the national and provincial press, and the recommendations of satisfied users have built up a large market for Lusty's HERBALENE, a natural, non-habit forming laxative, and one of a group of pure herbal products. You can cash in on that demand: write now for full details!

Attractive showcard on request.

LUSTY'S NATURAL PRODUCTS CO. **ESSEX** WESTCLIFF-ON-SEA



Reasonable estimates.

Clients' own material operated if desired.

DALES ASPIRIN AND TABLETING CO. Barrows Lane, STEETON, Yorks.



"S.3" Shampoo Cream.

Retails at 4/9, 9/-, 33/including purchase tax

- "SEBOSYN" a hair food and hair make-up. Retails at 10/
 - including purchase tax
- * EAU DENTIFRICE more than a mouthwash.

Retails at 1/9, 3/-, 5/6, 10/6 including purchase tax

Are you qualifying for these special display terms on parcels of 1, 2 or 3 products?

5% discount on £6 (Excl. P.T.) parcels

 $7\frac{1}{2}\%$,,

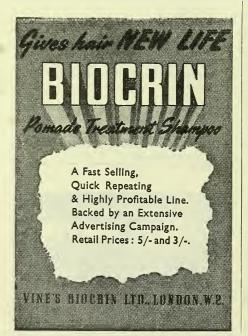
"£12 "£25

33

33 33

10%, , £25, , , (and over) Chemist's profit is 75% on cost price preparations by Skiner

DOBSON & STEINER LTD., 66 Grosvenov Street, London, W.I. Mayfair 8740



IMPORTANT ANNOUNCEMENT

Crème Simon

RICES INCREASED FROM APRIL 10, 19

CRÈME SIMON

JARS No. 1 7s. 6d. Ea.

" No. 2 4s. 9d.
" No. 3 2s. 9d.

TUBES No. 1 3s. 3d.
" No. 2 1s. 3d.
"

POUDRE SIMON NO. 2 (Extra Light) BOXES 4s. 3d Ea

Shades: Blanche, Rose. Rachel, Rachel Foncé (de Rachel), Naturelle, Oc Rosée, Ocre, Bistre (Sunta

Perfumes : Maréchale. Violette, Héliotrope.

CREME SIMON M.A.T. (Matt-Active-Tonic)

JAR\$ (LARGE) 4s. 9d. Ea. ,, (SMALL) 2s. 9d. ,,

., (POPULAR)

TUBES (LARGE) 3s. 3d. ,, ,, (\$MALL) 1s. 3d. ,, NOUVELLE POUDRE SIMON NO. 3 (Slightly heavier than No. LARGE SIZE BOX 3s. 0d. SMALL SIZE BOX 1s. 3d. Shades: Blanche, Ros

Rachel, Rachel Foncé (de Rachel), Naturelle, Pêcl Ocre Rosée, Ocre, Bist (Suntan). Perfume de la Crème Sim M.A.T.

FRICES ARE TO PUBLIC (INCLUSIVE OF PURCHASE TAX) (FULL DETAILS AND TRADE TERMS WILL BE ISSUED UPO APPLICATION TO YOUR WHOLESALER OR DIRECTION TO YOUR WHOLESALER OR THE YOUR WHOLESALER OR DIRECTION TO YOUR WHOLESALER OR THE YOUR WHOLE WHO YOUR WHOLE WHO YOUR WHOLE WHO YOUR WHOLE WHO YOUR WHOLE

Crème Simon (Distributors) Lta 31a/32a, BEDFORD STREET, STRAND, LONDON, W.C.2. TELEPHONE: TEMPLE BAR 921 47

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Wholesale and Export Enquiries are very welcome.
Retailers should contact us if experiencing difficulty in obtaining our products.

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The Control of Scabies with

'TETMOSOL'

brand

TETRAETHYLTHIURAM MONOSULPHIDE

'Tetmosol' is a powerful sarcopticide, and in the forms of 'Tetmosol' Soap and 'Tetmosol' Solution has proved highly effective in both the prophylaxis and treatment of scabies.

The Solution (25%), diluted with water before use, provides a most satisfactory and certain method of treatment. It produces a rapid cure of scabies and has the advantage that its application is painless and rarely gives rise to dermatitis.

'Tetmosol' Soap—a pleasantly perfumed soap tablet containing 5% tetraethylthiuram monosulphide—is primarily intended for prophylactic use against scabies. It has proved especially valuable for controlling outbreaks of the disease in families and in communities such as asylums, hospitals, schools, etc. The method of use is simple and convenient so that the co-operation of the scabies patient is readily secured.

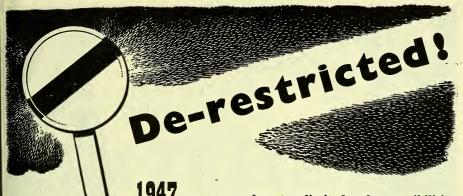
'Tetmosol' Solution (25%). Bottles of 100 c.c., 250 c.c. and 2 litres.

'Tetmosol' Soap (5%). Single 3 oz. tablets and boxes of 36.

Literature supplied on request.

IMPERIAL CHEMICAL [PHARMACEUTICALS] LTD.

THE RIDGE, BEECHFIELD ROAD, ALDERLEY EDGE, MANCHESTER



1947 opens up almost unlimited sales possibilities for ALKA-SELTZER after its long absence due to wartime restrictions. Once again supplies of this popular and big pre-war seller are freely available and no longer restricted. The vigorous pre-war National and Provincial advertising has been resumed and increased for 1947.

Be sure you have adequate stocks of ALKA-SELTZER. Attractive window and counter display material, sent with every parcel, will bring new customers into your shop.

Write for trade price-list and particulars of display discounts to:

RETAIL PRICES:

SMALL SIZE (12 TABLETS)

1/5

LARGE SIZE 2/10

Including Purchase Tax

Don S. Momand Ltd., 57 Albany St., London, N.W.1 Sole Distributors for

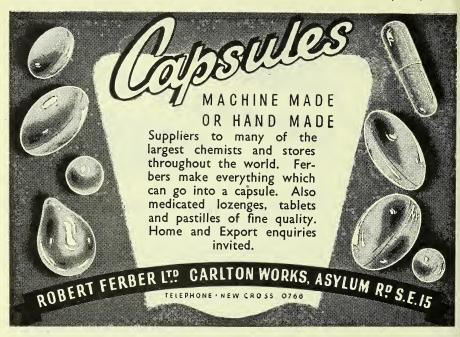
Miles Laboratories Ltd.

Alka-Seltzer

QUICK DOUBLE-ACTION ALKALISES, RELIEVES PAIN









can now be supplied . . .

LA VICTOIRE and three other bouquets -Coquine, Fleuri and Bruyere. Supplies are limited so order yours NOW!

Singly boxed 36/- per doz. Retail price (including Tax) 7/6 each In Two's 74/- per doz. Retail price

(including Tax) 15/5 each In Four's 144/- per doz. Retail price (including Tax) 30/- each

English Agents: BARNES, GOWLAND & CO. LTD. 6 Drapers' Gardens, Throgmorton Av. London, E.C.2 utylash SHA-EYE

for BEAUTIFUL EYES

AND LONG LASHES

RETAILS

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BLACK, BROWN, BLUE, GREEN AND COLOURLESS

IN ONE DOZEN DISPLAY OUTERS

ORDER NOW FROM-

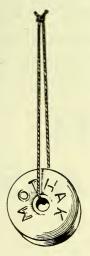
S. MAW, SON & SONS LTD., BARNET

SPRING CLEANING

AND MOTHS

MOTHAKS

should be displayed now



383

LEVE

Spring cleaning time is a particularly appropriate time to hang MOTHAKS in wardrobes, and to place them in drawers and chests where clothing, blankets and any fabrics are kept. Many people leave it too late, waiting till they see moths flying about, but this is unwise. MOTHAKS should be hung up NOW.

8d. for a bag of 8.

MOTHAKS really do prevent moth damage. When you sell them you know that your customer will be satisfied and come again for more.

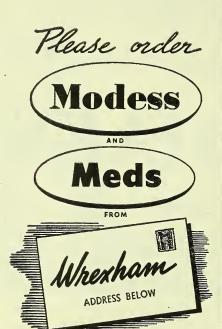
Sole Makers:

THOMPSON & CAPPER WHOLESALE

Hall Dand Time

Speke Hall Road, Liverpool, 19

79 - 83



INSTEAD OF SLOUGH

We shall be able to give stockists far better delivery on future orders for Modess Towels, Modess Belts and Meds Tampons now that our new, well-planned factory at Wrexham is in production. So please send your orders direct to Wrexham, where all Personal Products are made, and not, as formerly, to Head Office at Slough.

PERSONAL PRODUCTS

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NEWS OF THE WEEK

Committee on Chemical Nomenclature.

The Chemical Council has appointed an dvisory subcommittee on the Dyson system f chemical namenclature (C. & D., Janury, 18, p. 90). Messrs. A. L. Bacharach and P. Dunn, Drs. G. M. Dyson and E. H. Lodd, and Professors Wilson Baker and R. R. Todd have been appointed members f the committee.

Wholesale Prices in March.—Wholesale rices in March, as measured by the Board f Trade Index number, showed only the nall increase of 0.3 per cent. in the chemicals and oils "group compared with the January and February increases of 2.1 nd 1.6 per cent., respectively. The increase is March is accounted for by a rise of 2 per cent. in the average prices of both drugs and coal tar products.

Psychiatric Treatment at Work.—As art of a scheme for the resettlement of c-Service and other psychoneurotic and sychotic cases in suitable employment, a secial in-patient centre is to be opened by the Minister of Health at Sutton Emerancy Hospital. Treatment there is to

include "work therapy" for which selected persons will be required to engage in normal occupations (e.g., in a firm or a shop) while remaining patients at the hospital.

Ice-cream Regulations.—The Minister of Health has circulated to all local authorities copies of the Ice-cream (Heat Treatment, etc.) Regulations, 1947 (S.R. & O., 1947, No. 612). The regulations specify minimum temperatures for the heat treatment of the ingredients of ice-cream after mixing, and maximum temperatures for the storage of ice-cream until it is sold. There are also provisions for protecting ice-cream from dirt and dust, and for the cleansing of apparatus and utensils. The main provisions come into force on May 1.

Retail Trade Improvement.—The Board of Trade's yearly review of retail trade shows that retail sales were substantially higher in each quarter of the trade year 1946-47 than they had been in the previous year. Stocks were also higher, the increases for the last three months being about one third in all sections of the trade. The in-

crease in sales of "fancy departments," which includes chemists' wares, for the year as a whole was about 21 per cent. The panel of independent chemists showed a rise of only 10 per cent. for the last seven months of the trading year.

New Insecticide.—A new insecticide that will kill certain important insect pests not affected by DDT is announced by workers at the Illinois Natural Survey, U.S.A. The compound, tetraethyl pyrophosphate (TEP) is described as unusually effective against aphides and mites in laboratory tests. Its toxicity to aphides is ten times that of nicotine and it decomposes within a few days after application without, apparently, leaving any poisonous residue. Food products on which it is used may not need to be washed before marketing. The compound is approximately three times as toxic to insects as hexaethyl tetraphosphate, an insecticide developed by the Germans in the 1939-45 war.

Pharmaceutical Students' Conference. -The fifth annual conference of the British Pharmaceutical Students' Association, held in London, April 10-13, was attended by twenty-nine delegates and fifty-five visitors. Dr. F. J. Harlow, M.B.E. (principal, Chelsea Polytechnic), who gave an address of welcome, was followed by Mr. John Edwards (Parliamentary Secretary to the Ministry of Health) who described the pharmaceutical aspects of the National Health Service and answered numerous inquiries from the students. Mr. S. B. Challen (president) was in the chair. conference programme also included an address on the Pharmaceutical Society's educational policy by Mr. C. W. Maplethorpe (chairman of the Council's Education Committee), a students' open forum, and a business session. Visits were paid to the Beckenham Laboratories of Burroughs Wellcome & Co., and to Westminster Hospital.

Purchase Tax Changes.—The following new purchase tax rates, chargeable on goods delivered by a registered manufacturer or wholesaler on or after April 16, and on imported goods entered with the Customs or delivered from bonded warehouse for home consumption on or after April 16, are among changes notified by the Commissioners of Customs and Excise:—

(1) Goods now exempted from tax: Domestic water filters designed to remove bacteria and other suspended impurities from drinking water by mechanical, but not chemical, means (i.e., filters employing

earthenware, kieselguhr or carbon as the filtering agent).

(2) Goods now chargeable at 163 per cent.: Hot water bottles of potteryware, plastic material or rubber, designed for

use as bed or foot warmers.

(3) Goods now chargeable at 33\frac{1}{3} percent.: Razor strops and razor sharpeners except when supplied as part of a toilet set (toilet sets which include razor strops or sharpeners continue to be chargeable at 100 per cent.); dental sticks and toothpicks. Goods delivered before April 16 are not affected by the alterations and retailers are free to dispose of their existing stocks at a price to cover the tax, if any, which the goods have borne. No rebate can be claimed in respect of goods on which tax has been payed at a higher rate.

LOCAL NEWS

London Van Horse Parade.—Two first prizes and two special awards were won by horses entered by Sangers, Ltd., wholesale and manufacturing chemists, London, N.W.1, in a parade of van horses held in Regent's Park on Easter Monday.

Nottingham Lecture.—Members of the Society of Chemical Industry were the guests of the East Midlands section of the Royal Institute of Chemistry at a meeting held recently in Nottingham when Dr. G. M. Dyson (technical director, Genatosan, Ltd.) described a new system of notation for organic chemistry (see C. & D., January 18, p. 90).

Bristol Annual Meeting.—At the annual meeting of the Bristol and South-western Council Section of the Royal Institute of Chemistry, held recently in Bristol, Mr. F. P. Hornby announced his retirement as secretary after having held the position for eleven years. The meeting was followed by an address by Dr. E. B. Maxted, on "Some Recent Advances in Catalysis."

Two Proprietors in 102 Years.—Advertisements now appearing in the "Hants Telegraph & Post" draw attention to the completion by Baker & Son, chemists, Cosham, Portsmouth, of 102 years in business. Founded by the late Mr. T. B. Baker, Ph.C., the business was taken over by his nephew, Mr. C. H. Baker, Ph.C. (the present proprietor) in 1901. An illustrated short history of the business appeared in the C. & D., 1935.I.659.

Warrington Whist Drive.—At a whist drive and dance held recently by the Warrington Branch of the Pharmaceutical

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Society, Mr. E. W. Twiss (secretary) welcomed the guests and expressed the thanks of the members to the manufacturers who had donated prizes. The evening was arranged by Mr. C. Schofield (social secretary).

Edinburgh Chemists' Golf Club.—The following officers of the Edinburgh Golf Club have ben appointed Chemists' recently: — Captain, Mr. A. H. Gillies; Secretary, Mr. R. F. Muir, 4 Southfield Terrace, Portobello; Treasurer, Mr. H. F. Johnstone: Committee, Messrs. J. Finlay, H. G. Glass, W. E. Herd, W. A. M. Hourston, D. R. Kay, R. S. Mathieson, E. Randall, W. J. Rosie and D. Walker. The following were elected honorary members: Dr. J. Tait, and Messrs. G. F. Merson and W. Turner Ewing.

Chester Officers .- At a meeting of the Chester Branch of the Pharmaceutical Society held recently, the following officers were elected:— President, Mr. R. Park Taylor; Vice-president, Mr. J. Williams; Treasurer, Mr. G. Little; Secretary, Mr. J. Gerry, 4 Eastgate Row, Chester. At a meeting of the Chester Branch of the National Pharmaceutical Union which followed, the following officers were elected: Chairman, Mr. J. Veitch; Vice-chairman, Mr. R. Goodman Roberts; Treasurer, Mr. J. D. Clarke; Secretary, Mr. J. Gerry.

London Staff Dinner.—About 125 employees of C. J. Hewlett & Son, Ltd., Charlotte Road, London, E.C.2, and their friends were entertained at the company's thirty-ninth annual dinner and dance held recently in London. Mr. Vivian C. Hewlett, Ph.C., F.C.S. (chairman), who presided, welcomed back the members of the staff who had served with the Forces, and extended a special welcome to six old members of the staff, Messrs. F. J. Gibbons (former secretary), Upton, Porter, Walker, Domone and Richards, who had retired on pension with a combined total of 277 years' service. As a token of the directors' appreciation, each was presented with a suitably engraved clock.

Recent Specific Remedies .- In a lecture given recently to the Peterborough Chemists' Association, Mr. H. E. Dale (Boots, Ltd.) traced the development of chemotherapy from the period before 1935 (when it was limited to diseases of protozoal origin) to the present time, mentioning the antimalarial Paludrine folic acid (first isolated in 1941 from spinach and having possibilities as an alternative to liver extracts in many cases of pernicious anæmia, and in sprue and the macrocytic anæmia of pregnancy) and thiouracil and its derivatives, used in treating hyperthyroidism. Research on æstrogenic compounds which might be less toxic and more potent than stilbæstrol, said Mr. Dale, had resulted in the introduction of hexestrol and dienestrol, and a. compound known as dehydrodoisynolic acid, described in 1946 as "the most effective æstrogenic substance yet known."

Somerset Annual Meetings.—Fifty-one members attended the annual meetings of the Somerset Branches of the National Pharmaceutical Union and the Pharmaceutical Society held recently in Taunton. The following officers of the Pharmaceutical Society's Branch were re-elected:—Chairman, Mr. W. Deacon, M.P.S., C.B.E.; Secretary, Mr. H. M. Lovell; Treasurer, Mr. K. Jordan. Mr. Deacon then gave a short address outlining the structure of the new National Health Service. It was decided to hold a short evening meeting in Weston-super-Mare during the summer and the next full meeting in Bridgwater in the The following delegates were appointed to attend the Branch Representatives' meeting in Torquay: - Messrs. C. B. Gosling, Yeovil; W. Deacon, Bridgwater; W. R. Maunder, Taunton; and F. C. Bessell, Weston-super-Mare. After tea the following officers of the N.P.U. were re-elected:-Chairman, Branch Mr. H. S. Hoyles; Secretary, Mr. H. M. Lovell. Mr. H. Noble (deputy secretary, N.P.U.) then spoke on a number of topics including the National Health Service Act and problems of rural area dispensing. A collection in aid of the Benevolent Fund of the Pharmaceutical Society amounted to £2 198, 9d.

IRISH NEWS

Dublin Staff Dance.—The employees of M. G. Baynes & Co., Ltd., wholesale chemists, were recently entertained at the company's annual staff dance in Dublin.

Dublin Fire.—The factory and ware-house of Irish Pharmaceuticals, Ltd., Basin Lane, Dublin, were completely destroyed by fire on April 9.

Lecture to Dublin Students.—A paper entitled "Pharmaceutical Observations" was read to a recent meeting of the Pharmaceutical Students' Representative Body in Dublin by Dr. J. Shiel, M.P.S.I. Mr. N. Scroope (president) was in the chair free?

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COMPANY NEWS

CUNNINGHAM SMITH, LTD. (P.C.).—Capital £100. To carry on the business of manufacturers and dealers in chemicals, toilet requisites, cosmetics, etc. Hillier Kanareck, director. R.O.: 46a Finsbury Square, London, E.C.2.

MILLS & MILLS (CHEMISTS), LTD. (P.C.).—Capital £10,000. To carry on the business of chemists, drug merchants, opticians, etc. Thomas J. Cornish, Charles E. Hill and Alfred S. Ellis, directors. R.O.: 8 George Street, Bath.

EAST ANGLIAN WHOLESALE SUPPLIES, LTD. (P.C.).—Capital £15,000. To acquire the business of a wholesale chemist carried on at Quay Side, Norwich, as "East Anglian Wholesale Supplies." R. H. Briggs and Hilda E. C. Briggs, directors.

R. C. Green, Ltd. (P.C.).—Capital £3,000. To carry on business of manufacturing, pharmaceutical and general chemists, etc. Raymond C. Green and Doris E. Green, directors. R.O.: 187A Brompton Road, London, S.W.3.

R. J. SMITH, LTD. (P.C.).—Capital £3,000. To acquire the business of a chemist and druggist carried on at 7 Mabfield Buildings, Wilmslow Road, Fallowfield, Manchester, as "R. J. Smith." Elizabeth Smith and David S. Jones, directors.

PRIOR LANGLAND, LTD. (P.C.).—Capital £100. To carry on business of manufacturing chemists, etc. Hendrik J. Boon, Mrs. Isobel R. Boon and Terence W. O'Connor, directors. R.O.: 46 Downshire Hill, Hampstead, London, N.W.3.

S. G. CLEMOW (CHEMISTS), LTD. (P.C.).—Capital £1,000. To carry on the business of chemists, etc. Mrs. Phyllis M. Clemow, James H. Greatorex and Harry Oliver, directors. R.O.: 125 High Street, Hungerford.

F. ELLIOTT (CHESTERFIELD), LTD. (P.C.).
-Capital £2,500. To carry on the business of manufacturing, pharmaceutical and general chemists, etc. Frederick Elliott and George F. Elliott, directors. R.O.: 75 Newbold Road, Chesterfield.

V. S. WARNER, Ltd. (P.C.).—Capital £2,000. To carry on business as manufacturing chemists, etc. Mrs. Minnie C. Warner and Frederick R. Harvey, directors. R.O.: The Pharmacy, High Street, Berkeley, Glos.

P. C. PRODUCTS, LTD. (P.C.).—Capital £3,000. To carry on the business of manufacturers of and dealers in chemicals, patent medicines, etc. Joseph Benjamin and Maurice E. Stiller, directors. R.O.: 29 Mayfair Avenue, Whitton.

Myrilla Products, Ltd. (P.C.).— Capital £500. To carry on the business of pharmaceutical and general chemists, etc. Gwilym Evans, Leslie Miles and Dudley H.

Gurner, directors. R.O.: 12 Foubert Place, Regent Street, London, W.1.

BIONIC WINES, LTD. (P.C.).—Capita £50,000. To carry on the business o manufacturers and distributors of toni beverages, etc. Edward R. Fayat, Franci E. Fayat and Ferdinand W. Berringer directors. R.O.: Ibex House, Minories London, E.C.

PATRICK JAMES & Co., Ltd. (P.C.).—Capital £2,000. To carry on the busines of manufacturers and distillers of and deal ers in perfumes and essences, etc. Gordo G. Bourne and Wynne M. Bourne, directors. R.O.: 1 Townend Parade, High death Street, Kingston-on-Thames.

Boots Pure Drug Co., Ltd.—The Rt Hon. Richard Law, M.P., has been ap pointed to the board of directors, to fill ? caused by the resignation o vacancy Viscount Mersey.

UNITED GLASS BOTTLE MANUFACTURERS UNITED GLASS BOTTLE MANUFACTURERS LTD.—Net profit for the year ended December 31, 1946, was £259,222, against £220,666 in the previous year. A final dividend of the ordinary stock of 7½ per cent. is recommended, making 12½ per cent. for the yea (against the total for 1945 of 11 per cent. together with a bonus, as in 1945, of 2½ per cent.

WHIFFEN Sons, LTD. — Messrs Whiffen, manufacturing chemists, Carn wath Road, Fulham, London, S.W.6, advis us they wish to supplement the report con cerning the fusion of their business withthat of Fisons, Ltd., Ipswich, published i last week's issue (p. 394). The entity of the Fulham company remains unchange and the board of directors will include Mr G. Goodman Whiffen (chairman) am Messrs. Stanley W. Whiffen and Noel H Whiffen. The business will be carried of as hitherto under the directors' persona attention.

MONSANTO CHEMICAL Co., St. Louis U.S.A.—At the recent annual meeting o the company the stockholders were informed that \$22,500,000 had been spent in 1946 or the first state of the stockholders were informed that the stockholders were informed that the stockholders were informed that the stockholders were informed to the stockholders were informed fixed assets, and construction authorised latio and planned amounted to another \$50,000,000. Sales reached 100 million dollars in 1946 with profits, after tax reductions, twice as high as in 1945. Employ ees now total 15,300. Recent development include purchase of a styrene plant at Taxas City, construction of a plant for war. include purchase of a styrene plant at Texas City; construction of a plant for production of a synthetic detergent; production of a number of textile chemicals; production this year of synthetic caffeine; and additional plant to extract yellow phosphorus from the earth. The company produced fifty-two new chemical substances. duced fifty-two new chemical substances during 1946. In work on the atomic bomb seventy different radioactive isotopes were produced as by-products of nuclear fission.

TOPICAL REFLECTIONS

F.B.I. Survey

The Federation of British Industries' statement on the economic outlook, sumnarised in your second editorial article a week ago (p. 405), has attracted less attenion that it might have done-partly because it appeared so near to Easter and partly because it is not of the sensational nature relished by the large section of the public which regales itself on week-end porting events and the travels of film stars. like other recent pronouncements of the ederation, it shows a firm grasp of the elevant facts of the situation. And facts, ot generalities, are what we need to conider. This vital difference can be illusrated by the remark that the Government should publish figures showing the alloations, for a range of periods, of steel and ther basic raw materials to the different ategories of end products." "For a range f periods," it will be noted. In a case hat came to my notice recently a large uantity of machinery was held up in an nfinished state owing to the lack of one art of each machine. Contact with about fty possible suppliers was established, with hat result I have not heard. The worry aused can easily be appreciated. pe of problem is being tackled, of course, y industrial managements; but how are ey to know "where they are" in the psence of trustworthy priority lists? "The reatest need today," as the Federation stly remarks, "is to establish confidence at any plan announced is based on alism, and that resources allocated can be uaranteed."

ducation Committee's Report

The final report of the Pharmaceutical ociety's Education Committee (p. 407) has peared without undue delay. Many lucationists and other readers interested ll, following your lead (p. 405), wish to ntribute their views on this controversial cument. The few remarks that I propose make at this juncture are based on two tements in the report. The first is that gistration is eventually to be effected after compulsory course of study lasting for ree years, whether for a degree or a bloma, together with a period of practiexperience. The words I have italicised the preceding sentence formulate an portant proposal. In your last pre-war ucational Number (August 12, 1939) you nted, as in many previous years, notes on

courses of tuition for medical and dental As far as I can trace, dental tuition extended (and presumably still extends) to five years or more for a degree but only to four years for a diploma. (In medicine this distinction is not so clearcut.) It is therefore difficult to understand why in pharmacy the same length of time should be prescribed in training for the Pharmaceutical Society's diploma as in training for a university degree. The second point in the statement needing explanation is the remark during the Council's private discussion (p. 410) that "the expense difficulty would be met by State assistance for those who needed help." But if a candidate takes two or three terms more over his studies than is necessary for his purpose, money is being wasted.

A Mixed Bag

The coming into force of a new edition (the eighth) of the United States National Formulary (p. 399) is an event of international importance. For me, the chief attraction of this work of reference has usually been its appendices; but to confess this is not to disparage the main section of the book. By a coincidence its first edition appeared about the same time as the short formulary of a committee of the British Pharmaceutical Conference, nearly sixty years ago. These, in their turn, had an ancestry that may be said to begin with S. F. Gray's "Supplement to the Pharmacopæias," first published in 1818 and remodelled in the middle of the nineteenth century by Theophilus Redwood, when the "Pocket Formulary" and "Druggist's General Receipt Book" of Henry Beasley were beginning their career of popularity. By the end of the century "Pharmaceutical Formulas" had been launched from your old address in Cannon Street. The changes just effected in "N.F." are in two instances bold, and had they been made in a British work of the kind I should have pointed out that they would have to justify themselves in practice. No such rash statement is likely to escape me where American pharmacy is concerned; but I venture to doubt the desirability of relegating Latin titles to a subordinate place, seeing that international usage counts for something. The list of drugs and preparations discarded by the twelfth United States Pharmacopæia includes a few likely to remain official in the United Kingdom. **Xrayser**

MARRIAGE

CALDERWOOD-AITKEN .- In Glasgow recently, Andrew Calderwood, to Nellie Anstis Aitken, only daughter of Archibald McAllister Aitken, M.P.S., 16 Curfew Road, Glasgow, W.3.

DEATHS

ACHESON.—At 207 Albertbridge Road, Belfast, on April 14, Mr. Samuel Edwin Albert Acheson, M.D. Dr. Acheson had a long and intimate connection with the pharmaceutical profession in Northern Ireland. Early in his career he qualified as a pharmacist under the Pharmaceutical Society of Ireland and set up a successful business in Cromac Street, Belfast. In 1909 he qualified as a doctor of medicine and established a large practice in his native city. His interest in pharmacy continued, and in 1925 he was appointed to represent the Medical Committee of Northern Ireland on the Council of the Pharmaceutical Society of Northern Ireland. In recognition of his long and valued service he was made a honorary member of the Society, a distinction shared by only two other persons. Dr. Acheson is survived by six sons, one of whom, Mr. James Acheson, qualified as a pharmaceutical chemist in 1927, carries on the pharmacy at 62 Cromac Street, Belfast, founded by his father, and is vice-president of the Ulster Chemists' Association.

COPEMAN.—At Hove, on April 11, Mr. S. Monckton Copeman, M.A., M.D., F.R.C.P., F.R.S., aged eighty-five. Dr. Copeman, an authority on vaccination, was the inventor of glycerinated lymph, which was officially adopted in 1898 and is now in general use in this and other countries in anti-smallpox vaccination. He was the author of "Vaccination, Its Natural History and Pathology.'

DAKERS .- At 35 Edwards Road, Whitley Bay, on March 26, Mr. John Dakers, M.P.S. Mr. Dakers qualified in 1888, and shortly afterwards joined his father in the business of Phillips Spencer, Dakers & Co., wholesale and manufacturing chemists, 35 Low Friar Street, Newcastle-on-Tyne. 1920 he succeeded his father in the business, in which he was engaged up to the time of his death. Early in the century he took an active part in the Newcastle and District Chemists' Association.

ELLERINGTON.—At 90 Connaught Road, Cardiff on April 9. Mr. John Parkes Ellerington, formerly of 1 Cranbourn Street, London, W.C.2, aged eighty-three. Mr. Ellerington qualified in 1886, and passed the Pharmaceutical Chemist exami nation the same year. He was the senio partner in Frizell & Co., a business with seven west-end pharmacies. He wa chairman of the Western [London] Phar macists' Association in 1925-26. He retired from active business in the West End c London in 1926, and made a tour of the French Riviera, Sicily and Rome.

PLUMMER.—Suddenly, at his residence 20 Tring Avenue, Ealing, W.5, on April 7 Mr. Charles Plummer, aged sixty-sever Mr. Plummer joined the staff of Chese brough Manufacturing Co., Ltd., in 1905 and was managing director of the compan at the time of his retirement from tha position in 1946. He remained in the offic of chairman of the company until his death The many friendships he made during him forty-two years' association with the trad were greatly valued by him during the las years of his life, when he was unde constant medical attention for hear trouble. The funeral took place at Golder Green crematorium on April 10.

RANKIN.—Recently, Mr. James Naismit Rankin, aged seventy-six. Until 1942 Mi Rankin was a partner in the firm of William Rankin & Sons, cork merchants. In tha year the firm, as then constituted, was dis solved. Mr. Rankin's brothers (Messre William and Robert Cecil Rankin) too over the Glasgow business, continuing t trade under the names of Rankin & Son and Steedman & McAlister. The two re maining brothers (Messrs, Cunison Dean and John Naismith) with the former's thre sons took over the London business and tha at Caramujo, Portugal, and Bristol, tradin under the names of Rankin Brothers Sons, and Benito Remus & Co., Ltd.

MR. HENRY EDWARD THORNTON, M.P.S

33 The Front, Seaton Carew, Durham, lef £9,032, with net personalty £4,989.

MR. DAVID ISAAC GOWER, M.P.S., 85
Holton Road, Barry, Glam, left £916, with net personalty £856.

Mr. Alfred Smith, M.P.S., 33 Hig Street, Sheffield, 1, left £6,434, with ne personalty £5,958.

Mr. Harry Page, M.P.S., 41 Cassiobur Park Avenue, Watford, Herts, left £53,284 with net personalty £8,687.

Mr. Allan Mungall, M.P.S., Bullion ile, Viewforth Place, Pittenweem, Fife dale, Viewfileft £11,715.

MR. CLIFFORD WARNER, M.P.S., Rauceby Terrace, Lincoln, left £743, with net personalty £686.

PERSONALITIES

MR. FRANK PURSE, M.P.S., has retired fter twenty-six years' continuous service as hief pharmacist at the Royal Infirmary, eicester.

MR. J. J. SKINNER, M.P.S., 12 Barton treet, Stirling, is making a good recovery fter being knocked down in a road accient not far from his business premises ecently.

MR. J. B. M. COPPOCK, B.Sc., Ph.D. Leeds), F.R.I.C., has been appointed director of research, British Baking Industries tesearch Association, Wellington House, 25-30 Strand, London, W.C.2, from fay 1,

MR. WILLIAM S. PHILLIPS (Clerk and reasurer to the Glasgow Insurance Committee) was presented recently by his colagues with a wristlet watch and a wallet f notes in recognition of his twenty-five ears' continuous service with the Committee.

MR. LESLIE J. OWEN, M.P.S., who was cently appointed chairman of the Bournesouth Pharmaceutical Association, has een in business with his father, Mr. Alfred ouglas Owen, M.P.S., at High Street, hristchurch, since qualifying in 1925. He chairman elect of the Hants Pharmaceucal Committee.

PROFESSOR SIR JOHN LENNARD-JONES, ho was recently appointed chairman of the dvisory Council on Scientific Research and echnical Development of the Ministry of upply (C. & D., April 5, p. 367). joined the linistry in 1942, and was appointed Chief cientific Officer in 1945. In 1946 he remed to Cambridge University as Profesor of Theoretical Chemistry, and has acted nee as Chief Scientific Advisor to the linistry.

Mr. J. D. Bohn has retired after thirtytree years' service with The British Drug ouses, Ltd., London, and over forty-eight ears in the drug trade. Mr. Bohn has been member of the council of the Chemists' deration since its inception (as the hemists' Friends Association), and was its resident in 1943. He has represented the ompany on the council of the Proprietary rticles Trade Association for over twenty ears, and was president of the Association 1941.

SIR FRANK SMITH, who recently retired om the Ministry of Supply post to which rofessor Sir John Lennard-Jones has been pointed (see above), has had a distinguished career in Government scientific service, serving at the National Physical Laboratory, as the first Director of Scientific Research at the Admiralty, and from 1929-39 as Secretary to the Department of Scientific and Industrial Research. Sir Frank has been secretary of the British Association, and was for ten years secretary of the Royal Society.

BUSINESS CHANGES

Kanby Products, wholesale merchants, have removed to 67 Mile End Road, London, E.1.

WRIGHT, LAYMAN & UMNEY, LTD., 50 Southwark Street, London, S.E.1, now have the following telephone number: Hop 4021.

The telephone number of Chas. F. Thackray, Ltd., 38 Welbeck Street, London, W.1, is now Welbeck 8152.

Mr. Eric Fitchett, Ph.C., has been appointed chief pharmacist at the Royal Infirmary, Leicester.

Messes. M. H. Barnes & S. Jarratt, licensed appraisers, have opened an office at 4 Charlwood Street, London, S.W.1. The office formerly carried on by Mr. Barnes at 2 Ivy Crescent, Cippenham Lane, Slough, has been closed.

INTERNATIONAL CHEMICAL Co., LTD., Chenies Street, London, W.C.1, have appointed Mr. E. A. Kitt their special representative. For twenty-five years Mr. Kitt has been sales representative in the eastern and home counties for Kolynos (Sales), Ltd., which was recently merged with International Chemical Co., Ltd.

Antiseptic Products, Ltd., 105 Tonbridge Road, Maidstone, Kent, have taken over the chemical section of E. Schiff & Co., Ltd.. 9 Drapers Gardens, London, E.C.2, and are dealing with all orders for drugs, pharmaceutical chemicals, reagents, dyestuffs, etc.

Metric Equivalents.—In the table of Imperial-Metric equivalents given in the C. & D. Year Book, 1947, a series of errors has resulted from the incomplete deletion of one item which, for reasons of space, it was found necessary to omit. The result is that the metric equivalent of 4 gr. is given against 5 gr., 5 gr. against 10 gr., and so on. The correct figures are:—

Gm.
0.3240
0.6480
0.6̃48̂0 0.9720
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TRADE NOTES

Stocktaking.—The works and offices of C. R. Harker, Stagg & Morgan, Ltd., Emmott Street, London, E.1, will be closed for stocktaking on May 1 and 2.

Bonus Offer.—Fassett & Johnson, Ltd., 86 Clerkenwell Road, London, E.C.1, are invoicing as eleven only every one doz. packets of Holly-Pax insertion-type sanitary protection.

In Ample Supply.—Chemists are invited to write for trade terms of Stergene washer and cleanser to the manufacturers. Domestos, Ltd., College Works, Newcastle-on-Tyne; ample supplies are available.

Points-free.—Wholesale inquiries are invited by W. James Davies (Western), Ltd., Maindy Works, Maindy, Cardiff, for their Likro-menths liquorice and menthol product, which is outside the sweets rationing scheme.

Distribution Change.—Roche Products, Ltd., Welwyn Garden City, announce that, from May 1, distribution of Nestrovite tablets and emulsion will be taken over by Nestlé's Milk Products, Ltd., 6 Eastcheap, London, E.C.3, to whom all orders and correspondence should be addressed.

First Increase in 25 Years.—Genatosan, Ltd., Loughborough, Leics, announce the first increase in the prices of Sanatogen for more than a quarter of a century. The rise in prices is made necessary by increased wages and costs, and Government-imposed increase of 62 per cent, in the price of milk powder. An announcement of the change is being included in every package.

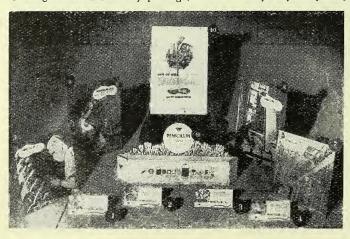
Price Increases .- Ashley & Weeks, LTD., Mitcham Road, London, S.W.17, announce that, owing to increased production costs, the retail price of Macaulay's family lung syrup is increased from May 1; details of the increase are given in the company's announcement on another page.—CREME SIMON (DISTRIBUTORS), LTD., 31A Bedford Street, London, W.C.2, raised the prices of Crème Simon on April 10; the new prices are tabulated on another page. — The Ministry of Food has authorised an increase in the prices of toilet soaps in view of substantially higher costs of oils, fats, etc. New prices for the toilet soaps isued by H. Bronnley & Co., LTD., Acton Vale, London, W.3, may be obtained on application to the makers. C. J. HEWLETT & SON, LTD., 35 Charlotte Road, London, E.C.2, announce that new increased prices are operative for the company's speciality Hewsol germicide.—As a consequence of a withdrawal of subsidy resulting in increased prices for all products from April 3, the retail selling prices of M.O.F. (Midlothian oat food) and Inglis food, issued by A. & R. Scott, Ltd., West Mills, Colinton, Midlothian, have been increased. No points are required to be taken to from customers for these products of the company.

Penicillin Display Material.—Display material for penicillin Glaxo, which is available to all chemists, is illustrated. The ten pieces shown make up the complete display. They may be split up into sets if the avail-

able display space is not adequate to accommodate $th\epsilon$ complete range of cards. The cards describe, with apphotopropriate graphs, the purity. potency, etc., of penicillin Glaxe products, illustrate methods of manu- Picial facture, and give a vield full list of packings. are robustly wor All mounted and deeither to to signed hang or to stand. Works Full details may be obtained from Glaxo Laboratories, Wil Ltd. Greenford.

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Northern Ireland Distribution.—Clinical Products, Ltd., Richmond, Surrey, manufacturers of Isobrom sedative and hypnotic, announce that they have appointed Thomas McMullan & Co., Ltd., Belfast, to be the sole distributors of this product in Northern Ireland, in which territory the speciality is now being introduced to the medical profession.

Membership Drive.—The British Association of Chemists, Empire House, 175 Piccadilly, London, W.1, in a letter sent out over the signature of its president, invites pharmacists engaged in industry or in laboratory work to join the Association, which is described as "a completely nonparty organisation with no political bias." The Association's main function is to assist its members to establish a satisfactory economic position and set up a suitable financial background. It offers its members unemployment benefits, insurance facilities, a pensions scheme (in preparation) transferable on changing an appointment, legal and other advice.

Awarded Certificates.—Brand & Co., Ltd., makers of Brand's essence, 84 South ambeth Road, London, S.W.8, have been warded the certificate of the Royal Institute of Public Health and Hygiene for their paby foods (bone and vegetable broth, trained carrots, strained spinach and trained prunes). The company's preparations are understood to be the only strained oods of their kind issued in glass jars, and he makers claim that special processes of team cooking and vacuum packing ensure ninimum loss of vitamins and minerals, and maximum nutritional value. The certificate of the Institute has also been warded to Messrs. Brand for their essence and calf's foot jelly.

Propaganda for British Cosmetics.—

Jiss Mary Foster (Yardley & Co., Ltd., 33 old Bond Street, London, W.1) has sailed to the United States on the "Queen Elizaeth" on an extended tour to the Pacific Loast. Miss Foster is "to meet people and specially women"; her tour is expected by yield results of value in the company's lans, both in this country and throughout the world. It is announced that "Junior fiss," a publication edited by Miss Foster see C. & D., 1946.II.739), is now on sale tooksellers in this country. Postal applications for the book, which is in limited dition, are being accepted at the comany's headquarters if mention is made of the Chemist and Druggist at the time applying.

A Denial.—In last week's issue, under "Overseas Trade News" (p. 414), we published a note received from an international news agency to the effect that an order had been placed in Germany for the export to this country of a consignment of 4711 eau de Cologne. We are informed by R. J. Reuter Co., Ltd., Slough, Bucks, makers under licence in this country of 4711 eau de Cologne and cosmetics, that this state-ment is entirely incorrect. No such order has been given by a British trading company and in any case the excise duty with purchase tax payable on such German goods would make the price in this country prohibitive. It is understood, however, that the British Control authorities made a purchase of eau de Cologne in Germany for the sole purpose of exporting it to dollar currency countries. This was done without first consulting the trade in this country, who have advised the authorities that they take strong exception to such action on the ground that it is harmful to British export trade.

Proprietary Articles Trade Association

ALTERATIONS TO PROTECTED LIST.—Allen & Hanburys, Ltd., Allenburys baby soap, 3-oz. tablets, 5s. 3d. doz., tax 1s. 9d. doz., inclusive retail price 9d. Lysanto soap, 3-oz. tablets, 6s. doz., tax 2s. doz., i.r.p. 9\frac{1}{2}d.

Christie, George & Co., Di-Meepol, new size 10s. 9d. doz., tax 1s. 10d. doz., i.r.p. 1s. 6d.

The Crookes Laboratories, Ltd., Increased prices April 1: Halycitrol, 2s. 4d., 19s. doz. (exempt from tax).

Glaxo Laboratories, Ltd., Reduced prices to trade March 24, to public April 14: Berin tablets, 1-mgm., 25's, 1s. 6d., 12s. doz.; 100's, 5s., 40s. doz; (dispensing) 500's, 20s., 13s. 4d. each; 1,000's, 37s. 6d., 25s. each; 3-mgm., 25's, 2s. 3d., 18s. doz.; 100's, 7s. 9d., 62s. doz.; (dispensing) 500's, 31s., 20s. 8d. each; 1,000's, 58s. 6d., 39s. each (all exempt from tax). Correction: Increased prices April 21: Glucodin, 1-lb., 2s. 2d., 19s. 6d. doz.; 3-lb., 5s. 9d., 51s. 9d. doz. Included in direct display parcels, 1-lb. size only, at 17s. 4d. doz.

Lucozade, Ltd., Increased prices April 8: Lucozade tonic food beverage, 20s. doz., tax 3s. 4d. doz., i.r.p. 2s.

Newton, Chambers & Co, Ltd., Increased prices April 1: Izalmints 9s. 6d. doz., tax 1s. 7d. doz., i.r.p. 1s. 3d. Kymol, 6-oz., 1s. 6d., 11s. 6d. doz.; 1-gall., 16s., 11s. 6d. each. 16-oz. bottles withdrawn.

Parke, Davis & Co., Increased prices April 17: Metatone, 8-oz., 32s. 4d. doz., tax 5\frac{1}{2}d. doz., i.r.p. 4s. 6d.; 16-oz. 55s. 8d. doz., tax 9\frac{1}{2}d. doz., i.r.p. 7s. 9d. Bronchial lozenges, mentholated, 9s. 7d. doz., tax 1s. 7\frac{1}{2}d. doz., i.r.p. 1s. 4d. Desiby, capsules, 5-gr., 50's 43s. doz., tax 7\frac{1}{2}d. doz., i.r.p. 6s.

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PROPRIETARY ARTICLES TRADE ASSOCIATION Fifty-first Annual Meeting

THE fifty-first annual meeting of the Proprietary Articles Trade Association was held in London on April 10, the president (Mr. H. G. Middleton) in the chair. Moving adoption of the annual report (opposite), THE PRESIDENT said it disclosed a state of affairs of which members of all sections might be proud. In spite of economic diffi-culties and the comparative absence of price-cutting, membership had shown a noticeable increase, and the position of the Mr. Middleton Association was sound. thought that "eternal vigilance and streamlined efficiency" explained the present strength and prestige of the P.A.T.A., and that these qualities would enable it to face whatever lay ahead. The Association would do well to adhere to its original "objects," and follow the well-beaten path of price maintenance, in which sphere it was a pioneer institution and a model for others.

Adoption of the report was seconded by MR. S. W. HAGUE, who voiced his satisfaction at the increased strength of the retail section, and supported by Messrs. Skues and F. J. Smith, the latter saying that the Council had never presented a better record of work done.

Discussion followed, in the course of which Mr. Rumney (Ridges Food, Ltd.) said ordinary members felt that the Association had done extremely well. He was sure that the Council was capable of dealing with any eventuality that might arise. MR. GARRETT (Tampax, Ltd.) suggested it would be necessary for the Council to guard against a resumption of price-cutting among traders outside pharmacy. report and financial statement were unanimously adopted. A vote of thanks to the secretary and staff, moved by THE PRESI-DENT, was acknowledged by Mr. H. E. CHAPMAN.

Meeting of Council

The quarterly meeting of the Council of the Association was held on April 10, the president (Mr. H. G. Middleton) in the chair. The President referred to the death of Dr. M. V. Hunter, who for some years had represented Raimes, Clark & Co., Ltd., on the wholesale section; a resolution of sympathy with his family and company was passed by the Council in silence. The president also referred to the resignation from the Council, upon his retirement from business, of Mr. J. D. Bohn (The British Drug Houses, Ltd.), paying tribute to the value of Mr. Bohn's work on th Council and for the Association during the previous twenty years. On the president motion the Council recorded their apprecition of Mr. Bohn's services and good wish in his retirement. The Council endorse a recommendation of the manufacturer section that Mr. R. G. Dyas (J. Grossmith Son, Ltd.) should fill the Executive vacant caused by Mr. Bohn's retirement.

P.A.T.A. Jubilee

THE PRESIDENT said that at that meetin the first since the P.A.T.A. Golden Jubile celebration dinner in January, he woul like to express, on behalf of the Council an members, the appreciation felt by all at th successful manner in which the arrange ments for the function had been made an carried out by the Committee responsible and by the secretary and staff. Council endorsed the president's remark

Stop List and Price Maintenance

The Council authorised the removal from the stop list of fourteen traders who ha completed the appropriate price-mainter ance agreement. The quarterly report o price-maintenance work stated that, durin the previous quarter, 538 calls had bee made by the Association's test purchase and investigators. In three instances onl was cutting found to be taking place. 40 test purchases had been made during th period, and forty traders, having complete the appropriate agreement, removed from the stop list. There had been a marke increase in complaints of non-observance of conditions by co-operativ societies, and tests made by or on behalf c the Association had substantiated the com plaints. In general, the Societies corwhen approached, had show anxiety to comply with their agreements and had agreed to take effective steps t prevent further breaches. Special investi gations had been made regarding the position of societies in London and many part of the country, and the Council decided to keep the matter under close review.

Year-book

The long delay in publishing the Associa tion's year-book and protected list was re ferred to, and THE SECRETARY said he had sinhis S been assured that the printing was nov the dunder way. The Council discussed and the council dis made decisions on various matters affecting waying proposed additions to the protected list or alterations in existing terms and prices. The action of a provincial member of the wholesale section in offering to customers, certain inducements regarded by the Council as improper, was discussed, and the secretary was instructed to request a withdrawal of the inducement.

Summary of Annual Report

The list of manufacturer members has been extended, and the Council makes special reference to Allen & Hanburys, Ltd., who have rejoined the Association, placing their whole range of proprietary products on the protected list. At the end of the year, membership of the manufacturers' section totalled 395, a net increase of seventeen. The wholesale section numbers fifty-seven (two additions during the year). Membership of the retail section (limited to chemists) is at 10,720, the highest in the Association's history. The National Pharmaceutical Union Executive is thanked for co-operation in collecting the major proportion of the subscriptions to the retail The Council expresses appreciation of the co-operation and interest shown by those organs of the Press which, during the Jubilee year, gave generous publicity to the Association's story and achievements.

Manufacturers' Conference

A meeting of members of the manufacturers' section was held in May, under the chairmanship of the president, at which the significance of modifications in P.A.T.A. policy, particularly as to wholesale distribution, were explained and numerous questions answered. A resolution approving the Council's policy had been carried unanimously.

During the year increased costs of manufacture and distribution had compelled a larger number of manufacturers to increase their trade and retail prices. Since July 1941 the protected list has been approved by the Central Price Regulation Committee, and every possible care has been taken to ensure that the prescribed formalities have been complied with. Representatives of the Council have also had discussions with the Central Price Regulation Committee on trade discounts; certain concessions relating to retention of existing rates of discounts when retail prices are increased were made by the Central Committee.

Surplus Stocks

The distribution, by the Directorate of Disposals (Stores), of surplus stocks of various proprietary toilet articles had been kept under review. The articles mainly concerned were of American origin, supplied in the first place for the use of the United States Services personnel in this country. Ultimately, the Directorate arranged that all surplus stores of the kind referred to should be handled by a member of the wholesale section, who gave assurances that all practicable steps would be taken to avoid prejudicing the interests of manufacturers and distributors.

Glyn-Jones Memorial Fund

An appeal for further support for the Glyn-Jones Memorial fund was made by the chairman of the trustees (Mr. E. A. UMNEY). On behalf of the Council, THE PRESIDENT addressed to the Association's members an endorsement of Mr. Umney's appeal, and donations amounting to £1,703 11s., including £1,000 from the Beecham Group, Ltd., were received.

Council

The personnel of the Council underwent some change during the year. At the election in the manufacturers' section in December 1946, Allen & Hanburys, Ltd., replaced Condy & Mitchell, Ltd. Messrs. Stearn and Yeates (retail section) did not seek re-election, and their places were taken by Messrs. D. A. Rees and F. G. Wells. Through his automatic retirement, the Council also lost the valuable services of Mr. R. Peck (president in 1945). With great regret the death of Mr. P. F. Rowsell, who until his retirement was "the father of the Council" and who was elected an honorary member of the Council in January 1947, is recorded.

Financial Statement

In 1946, the membership subscriptions totalled £10,156, an increase of £472 over 1945. Of this, manufacturers subscribed £3,059, wholesalers £3,071, and retailers £4,019. Donations from manufacturers and retailers amounted to £919. Balance of income over expenditure was £340. If, in the future, the Association is involved in increased expenditure on price-maintenance work, rates of subscriptions in all sections may have to be reviewed.

Doctor's View of Health Minister.—
"The bludgeon which stuns, the hypnosis which induces restful sleep, the ether which irritates, the chloroform which comforts, all come easily to this master of playful rhetoric."—The secretary, British Medical Association, in a reference to Mr. Aneurin Bevan recently.

COUNCIL CANDIDATES

Brief biographical details and statements from some of the candidates in the election of seven members to the Pharmaceutical Society's Council, May 21, 1946.

EACH candidate was invited to send in for publication a statement of policy not exceeding 200 words.

BROCKLEHURST, Eric Arthur



I was elected to the Council of the Pharmaceutic a l Society three years ago. Aged fortythree. Qualified 1927 in Edinburgh. Proprietor of four pharmacies Yorkshire. No business interests other than retail pharmacy. Member and Chairman (1946) of the executive of the National Phar-

maceutical Union and its allied organisations. Member of the Joint Committee for a National Pharmaceutical Service, and of the Liaison Committee with the British Medical Association. Member of the council of the Chemists Federation and the C.F. Propaganda Committee. Employer representative on the Joint Industrial Council for Retail Pharmacy and a member of the Central N.H.I. Committee. I am a past chairman of the Hull Chemists' Association and local branch of the Pharmaceutical Society, and am on the Hull Pharmaceutical Committee. Policy:— The shop should be the most important pharmaceutical unit in the new health service and for that reason it is imperative that the Society and the N.P.U. and other independent pharmaceutical organisations should be strongly represented on the statutory and other official committees controlling the service. Ex-service pharmacists will have my special consideration. educational, scientific, legislative, financial policies of the Society must be progressive but must also be realistic and practical. I support many of the recent educational proposals but I consider a mistake has been made in fixing a date for the introduction of the three-year course in pharmaceutical subjects for the qualifying examination. Also I disagree strongly with these proposals being accepted before the Branch representatives have had an opportunity of discussing, and, if necessary, modifying them at a conference.

BURR, Mary Agnes

QUALIFIED in 1929, chairman of the Nottingham Branch of the Pharmaceutical Society, past chairman of Nottingham Branch of the National Association of Women Pharmacists, and a present member of the London Executive Committee of Association. the Member of the Local Branch of the



National Pharmaceutical Union Committee, and a past member of the Local Section of the Central Pharmaceutical War Committee, a member of the advisory committee for pharmaceutical education at the University College, Nottingham. Policy:— I have had seventeen years of practical experience in pharmacy. I am actively amen engaged in retail pharmacy as a proprietor pharmacist, and have passed through the stages of an assistant, locum, manager and partner. By doing so, I can appreciate both but me the employers' and the employees' stand-points, and I believe the successful future of pharmacy depends on the unity and co-operation of these two sections. This is the keynote of my pharmaceutical policy. Furthermore, I uphold an improved system of education, provided it is directed to meet the requirements of and to benefit all those engaged in pharmacy. I have had wide experience of administrative duties. During the war, apart from my pharmaceutical work, I served as a Commandant in the British Red Cross Society, and am at present serving as an officer on its county executive.

GOODE, Reginald

My appeal is as an individual pharmacist with the unanimous support of my local branch of the Society. Age forty-one years, twenty-three years actively engaged in retail, nineteen years as self-employed proprietor, twelve years in my present business, thus I can claim to appreciate the problems and wishes of the great majority of pharmacists. I have had experience on the national optical bodies and have been vice-



of the chairman Harrow Branch for the past two years. As an employer I am convinced that the status and remuneration of the self-employed pharmacist is, and will continue to be materially influenced by the status and remuneration the employee Withpharmacist. out general recog-

nition of an adequate remuneration and atisfactory working conditions for the employee pharmacist there can be no justificaion of a claim for better terms of service by the employer under the new Health Service. The Council will be stronger and better proportioned with more young and independent pharmacists on it. There is a danger, perhaps due to the war, that the permanent officials are slipping into control f the Council. I wish to see that effective ontrol of policy and finance remains in he hands of the elected representatives of he members. I wish for a return to the ligh ideals of the founders of the Society, hat is, for protection of its members, and I leplore the drift towards becoming a mere obot motived by a Government departand nent. More publicity should be given to Council matters, in particular a detailed ecord of the voting by members of the Council should be available.

RAINGER, Herbert Scarle



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Aged thirty - one Ph.C. Apprenticed Taylors Drug Co., Ltd. Career: Medical and science supplies officer to the West Riding County Council Supplies Department; Resident pharmacist, General Infirmary, Leeds; 3. Assistant pharmacist, Queen Eliza-beth Hospital,

irmingham; 4. Chief pharmacist, Prince Wales's General Hospital, Tottenham, ondon. Public work includes branch secrety, Guild of Public Pharmacists, Birmingum; secretary, Guild of Public Pharma-

cists, London; Past member of committee, Birmingham Pharmaceutical Association; member of pharmaceutical subcommittee, Association of Scientific Workers; acting vice-chairman, National Organisation of Employee Pharmacists. Policy:—

1. I hope to represent the professional employees, retail as well as hospital. The shop manager must have greater professional control and not be subject to undue commercial pressure. Company superintendants should be responsible to the Statutory Committee for an ethical service.

2. The present educational policy is right, but more regard should be paid to the status of those already registered. Postgraduate diplomas in subjects such as pharmacology and chemical engineering are needed now.

3. Pharmacy in the health services must be of a high standard. Premises must be suitable and staff adequate. I should try to strengthen the liaison between the Society and the Guild of Public Pharmacists.

HESELTINE, Thomas

HAVE been member of Executive N.P.U. for ten years (chairman 1943-44), and represent the Union on the Central N.H.I. Committee; the Che-Federation mists Council (a pastpresident); the National Joint Industrial Council for Retail Pharmacy; Toint Committee



on a National Pharmaceutical Service, and the Negotiating Committee. I am a member (past chairman) of the Leeds Branch of the Pharmaceutical Society, served as a member of the West Riding (Yorks) Pharmaceutical Committee for twelve years and am the present secretary, representing the Committee on the West Riding Insurance Committee, and one of its nominees for the proposed new local Executive Council for the area. I have been a member of the Council of the Pharmaceutical Society for the past three years, and if re-elected am prepared to serve pharmacy in this capacity for a further period. My policy, briefly and simply is the improvement of pharmacy and all that that implies for the well-being of all pharmacists, with a special

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determination to procure for them their rightful place in any comprehensive pharmaceutical service that may be designed for the community.

HUDSON, Donald William

I HAVE been engaged in retail pharmacy for over thirty years. My experience proves that the individual pharmacy developed upon comprehensive and scientific lines is capable not only of providing every necessary service to the public and to the medical profession, but also of adding its contribution to the public health and hospital services. My views on the necessary organisation were given in a paper read by me at the Branch Representatives' meeting, 1944, on "The Pharmaceutical Service in the Individual Pharmacy" (C. & D., 1942.II.532). These aspects should form some basis of a policy for the future pharmaceutical service. I fully support the work of the Joint Committee on a National Pharmaceutical Service. For many years I have been a director of a number of manufacturing establishments, and as such I may possess some experience of value to our Council. I have been associated with the department of pharmacy, Brighton Technical College, for some years, and have closely followed the progress of pharmaceutical education, to which I have furnished my own contribution by taking active part in the post-graduate courses provided for ex-Service personnel. I shall continue to urge that the Council should make such facilities available to all pharmacists who desire to take advantage of them. General Education Policy: - Every step must be taken to raise pharmacy as a whole to professional status, whilst at the same time following a policy based upon equality of professional standing for all registered pharmacists, whether proprietor, manager, or assistant, and irrespective of the branch of pharmacy in which he or she is employed. My association with pharmaceutical organisations is: chairman, Brighton Branch, president of the local Association, vice-president, South-eastern Federation, and recently a member, National Pharmaceutical Union Executive.

MAWER, George Robert Knox

I QUALIFIED in 1910, after apprenticeship in London, and gained experience in Manchester, Stockport and North Wales, and am now managing director of L. Rowland & Co., Ltd., Wrexham. I have been on the Council since 1937, serving on many

of the Standing Committees, and was chairman of the Education Committee. I also served on the Central Pharmaceutical War Committee, and the Committee of Inquiry. The past two years of my work, as vicepresident, and now as president of the Society, has made me fully aware of



the tremendous problems, as well as the great opportunities confronting pharmacy at the present time. There never has been a greater need for a reasoned policy, and above all, for collaboration and unity in all ranks of pharmacy. The new health service is already taking shape, and it is of vital importance that we should see that there is co-ordination, wherever pharmacy is practised, in the shop, the hospital, and the health centre—when it comes. The educational policy of the Society must continue its advance with the progress of medicine. The report just issued by the Education Committee plans to give a pharmaceutical training of a standard high enough to equip the pharmacist to take his proper place in the health service of the country. As governor and chairman of county schools, I realise the changes brought about by the Education Act, and the high standard required by the boys and girls of the future. The whole of my pharmaceutical life has been spent in the retail, and I am therefore well acquainted with the difficulties of retail pharmacy, particularly those arising in an old established family business, and the problems arising in the veterinary and agricultural sections.

A PHARMACIST'S ANTHOLOGY

But here is one prescription out of many Sodæ sulphat, 3vi, 3ss, Mannæ optim. Aq. fervent, f. 3iss, 3ii, tinct, Sennæ Haustus" (and here the surgeon came

Haustus" (and here the surgeon came and cupp'ed him)

"R. Pulv. Com. gr. iii. Ipecacuanhæ" (With more beside if Juan had not stopp'd 'em)

"Bolus Potassæ Sulphuret. sumendus.

Et haustus ter in die capiendus."

—From "Don Juan" by Lord Byron.

RECENT RESEARCH

Detoxication of Arsenicals.—The effect, in the detoxication of pentavalent arsenicals, of p-aminobenzoic acid and certain other substances known either to impede or help the oxidation of adrenaline in a tyrosinase system, has been investigated by Martin ("American Journal of Pharmacy," 1946.
118. p. 394). In experiments with mice, the most effective detoxicating agents used were the amino-acids threonine, aspartic acid, and serine, which were effective against two lethal doses of arsanilic acid. Ascorbic acid and p-aminobenzoic acid were effective against one lethal dose, but methionine had a lower potency. The author concludes that substances detoxify pentavalent arsenicals by inhibiting the formation or action of thyroxine, thus causing a decrease in tissue metabolism and, consequently, inhibiting arsenoxide formation. The action should apply to any drug that is more toxic in its oxidised or reduced form.

Biological Evaluation of Mercury-Ointments.—The cutaneous penetration of eight official American mercury ointments has been investigated biologically by Laug, Vos, and Kunze, using the concentration of mercury in the kidney of experimental animals (rats), as a measure of skin penetration ("Journal of the American Pharmaceutical Association, Scientific tion," January, 1947, p. 14). An inunction of a standard amount of mercury ointment is made over a standard area of clipped dorsal skin of a lightly anæsthetised rat, for two minutes, and the animal is then partially enclosed in a celluloid shield to prevent interference with the treated area. After twenty-four hours the animal is killed, and exsanguinated, and the kidneys removed for estimation of mercury content. Results showed that the oleate and nitrate ointments gave a cutaneous penetration "significantly greater" than the others, while the penetration of yellow oxide and calomel ointments was the smallest. The concentration of mercury in an ointment did not affect penetration, for strong and mild mercurial ointments (differing five-fold in mercury content), and calomel and yellow oxide ointments (differing twenty-five fold) gave similar skin-penetrations. The high absorption of mercury from the oleate and nitrate ointments may correlate with previous work showing that oleic acid aids the penetration of calomel, the authors suggest, whereas the large proportion of petrolatum contained in the other ointments may reduce the absorption of mercury.

PRESCRIPTION PROBLEM

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CEYLON CITRONELLA

An official of the Ceylon Department of Mineralogy (Mr. P. G. Gooray) declared recently that the citronella oil industry of Ceylon today was in a state of decay. For this both local and foreign buyers were largely to blame by their connivance at adulteration. He advocated vigorous State action to rehabilitate the industry, and pointed out that the days were almost past when Ceylon, being the only supplier to the United Kingdom and United States, could neglect the quality of her product.

The first step in a course of reorganisation, he said, would be for the Government to control all outgoing shipments, as in Java, and the next the compulsory issue with each shipment of a "certificate of purity." Such steps should be taken in conjunction with the governments of importing countries, chiefly the U.S. and the U.K. He urged a co-operative marketing system and, at a later date, co-operative distilleries. "Today, yields and prices in Ceylon's citronella industry are low," he added. "The organisation of the industry and of marketing has grown up without any directive whatever, under the now obsolete policy of laissez-faire; the industry is unable to hold its own against a betterorganised competitor, and Java may soon oust Ceylon from the market. Unless, therefore, rapid steps are taken to set it on a scientific and well-organised basis, the citronella industry appears to have little future in this country.

TRIAD'CHERRY Flovoured MALT & OIL COLD CAPSULES **'VYTINA' TONIC TABLETS** HALIBUT OIL & MALT TONIC PHOSPHATES TIN OX TABLETS



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An old favourite and ready seller now available again, to retail at 1/1½d. A Newball & Mason line. Attractive pack, attractive terms. Write for details.

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Information with respect to suppliers of the following items would be appreciated:

Evron ampoules and tablets. Homosperin ampoules. Ramer rubber sponges. Alcohol form.

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1947

evailing restrictions and heavy demand on space necessitate the holding over of a number of vertisements week by week. As normal press days are in abeyance advertisers are advised to send structions as early as possible. Advertisements must be prepaid. Box Office Numbers 2/- extra.

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RETAIL (HOME)

CAPABLE unqualified lady required at once for busy high-class pharmacy in South Ken-on. Good salary and permanency. Please y by letter to J. N. H., 172 Old Brompton Road, lon, S.W.5. QUALIFIED lady or gentleman required for

country pharmacy. Please apply stating age, ience, and salary required to The Secretary, Broughton, Ltd., 72 Grove Street, Wilmslow,

PLICATIONS are invited for the position of rulalified pharmacy manager for a pharmacy ing shortly. The Society operates in a rural ct and the shop is in a village seven miles from pay. 44 hr. week. Superannuation scheme with fer clause. Written applications stating age, ience, etc., to Managing Secretary, Co-operative ty Ltd., St. Columb Road, Fraddon, Cornwall.

ANNEL ISLANDS. Unqualified assistant required graphlyman single with good disposing quired, gentleman, single, with good dispensing ience. Salary £4 10s. £6, according to age ability. Travelling expenses paid. Congenialing conditions. C. M. Stone, Chemist, 39

Street, Jersey, Channel Isles. EMISTS' assistants (ladies) wanted for clerical

EMISTS' assistants (ladies) wanted for clerical work in the N.H.I. checking bureau and pricing departments. Apply National Pharmal Union, 4-5 Queen Square, W.C.I. VENTRY. Young qualified assistant for dispensing. Several other assistants employed experience for keen, energetic young man. generous salary offered. No accommodation, gle man essential. State age, experience and required. 165/582, C. & D. Office. JENTRY. Unqualified assistant, experienced, for dispensing and light manufacturing. Good

D.

or dispensing and light manufacturing. Good and hours. Regret no accommodation offered good lodgings available. 165/583, C. & D.

LMSFORD. Qualified assistant required. liable dispenser and good window dresser. No y or half-day duties. No N.H.I. Usual ulars to Early Bunn, Ltd., 95 High Street,

ulars to Early Bunn, Ltd., 95 High Street, sford.

MIST branch manager required. Applications MIST branch manager required. Applications re invited from pharmacists of either sex to above permanent position. Superannuation in operation, and good wages, hours and ions of employment generally. Applications, age, experience and salary required, to be sed to the General Manager, Newcastle Coive Society, Ltd., 117 Newgate Street, Newn-Tyne, 1. WARE District. Lady assistant for busy harmacy, able to assist in dispensing; with unity for concentrating on toilets and beauty; good prospects for one with initiative and Full particulars previous to interview. 167/621, D. Office.

LADY, M.P.S., required as manageress for small business. Permanency, with unusual prospects for enthusiastic worker. Good salary and conditions. Accommodation available to single person. J. Gealy, M.P.S., 4 Ossulton Parade, East End Road, Finchley, N.2.

LONDON, East. Qualified assistant required for busy shop. Hours 8,30-6. No Sunday duty. Salary £12 per week. Young man preferred. Please reply with full particulars to 165/563, C. & D. Office.

MANAGER take charge branch pharmacy in Manager take charge branch pharmacy in Apply 167/623, C. & D. Office.

PHARMACIST required. Lady or gent. Apply giving full particulars to The Secretary University.

PHARMACIST required. Lady or gent. Apply, giving full particulars to The Secretary, Hubert B. Figg, Ltd., Chemists, Berkhamsted, Herts.
QUALIFIED manager required for high-class West End pharmacy. Permanent, progressive, substantial post. Exceptional opportunity for the right pharmacist. Apply with references to 166/610, C. & D. Office.

C. & D. Office.

QUALIFIED assistant wanted for a good-class business. State age, experience and salary required. Photo if possible. Williams & Smith. Chemists, 21 West Street, Horsham.

QUALIFIED manager required for good-class of family dispensing business in residential area of wimbledon, Surrey. Permanent appointment. No living accommodation. Good salary. Write 166/592, C. & D. Office.

R. & D. Office.

REQUIRED immediately, assistant for good-class retail. Experienced at counter and dispensing. Tetail. Experienced at counter and dispensing. Good salary to right man. Apply with usual particulars, S. J. Coley, Ltd., 57 High Street, Stroud, Glos. THORNTON HEATH, SURREY. Experienced counter hand and window dresser required for main road pharmacy, 5 minutes station. Apply, with full particulars, to S. A. Walters, Wilks, Chemist, 105 Parchmore Road, Thornton Heath, Surrey. Liv. 4978.

UNQUALIFIED young lady or gentleman required for N.H.I. dispensing and counter. Hours 9-6, Thurs. 1 p.m., Saturdays 7 p.m. Pleasant shop to work in. Apply Lloyds Chemists. 260 Upper Street, Islington, N.1. (Phone Canonbury 2700) 2780)

WANTED, unqualified assistant, an excellent opportunity to gain all-round experience. Please send photo, references and salary required. Lansdale & Co., Queen Square, High Wycombe.

WEST HARTLEPOOL. Vacancy occurs for pharmacist capable of taking charge of a branch. Would suit newly qualified person. Exceptional opportunity for experience in busy, good-class store pharmacy. Salary & 7 18s. (including war bonuses). Particulars to Hartlepools Co-operative Chemists, Ltd., West Hartlepools

LOCUMS WANTED

QUALIFIED Locum required two weeks, June 23rd to July 5th, inclusive; staff kept. Apply, 'phone, EDG 4545 or 167/630 C. & D. Office.

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WHOLESALE

MANUFACTURER of nationally advertised medicinal and toilet products is looking for additional representatives. Keen, intelligent, energetic men are wanted in all areas of the United

additional representatives. Reeh, intelligent, energetic men are wanted in all areas of the United Kingdom. Please state age, full details of experience, and if owning a car. The terms offered are £300 per annum basic salary, plus commission and expenses. 166/609, C. & D. Office.

A CCOUNTANT required for manufacturing chemists in London. Must be able to prepare final accounts. Very good prospects for keen and reliable man able to undertake increasing responsibility. Please send full particulars of experience, age and salary required to 165/568, C. & D. Office.

A CCOUNTANT/BUYER required, Midland manufacturer chemists' sundries. Essential qualification ability work under own initiative and assume complete responsibility financial accounts, production costs, purchase raw materials. Only men able command substantial salary need apply. 166/613, C. & D. Office.

A SSISTANT (male), under 30, for despatch department Previous wholesale unnecessary if good retail experience. London, S.W.

Hours 9 to 5.30, Saturdays 1. Commence £6 weekly. Usual particulars, stating when free for interview. 167/632, C. & D. Office.

A SSISTANT to chief chemist required to undertake manufacture of household products, cost

take manufacture of household products, cosmetics, etc. Good salary, excellent prospects. Apply to Scrubb & Co., Ltd., Wimbledon Factory Estate, Morden Road, Wimbledon, S.W.19.

CHECKERS, wet counter hands and dispensers wanted. Five-day week. Apply Willows & Co., 73 Shacklewell Lane, E.8.

HIRST, BROOKE & HIRST, LTD., require representative for South Yorkshire area. Applicants must be pharmacists with experience preference

cants must be pharmacists with experience preferred.
Apply to Managing Director, Sheepscar, Works,
Leeds, 7.

Leeds, 7.

LONDON company requires chemist experienced in preparation of extracts from crude drugs.

Application experience. Applications

in preparation of extracts from crude drugs. State age, qualification, experience. Applications strictly confidential. Box No. GA.219, 4/7 Salisbury Court, Fleet Street, E.C.4.

MANAGERESS, pharmacist or with pharmaceutical background, required by old-established firm of manufacturing chemists on south coast to take charge of department employing about 50 women and girls engaged in filling, labelling and packing tablets, pills, proprietary medicines, etc. Modern factory, good conditions. Excellent canteen facilities. Previous similar experience desirable, though not essential. Small unfurnished flat available. Particulars of previous employment, age and salary, stating when free, to 167/640, C. & D. Office.

MANUFACTURING chemists in South-west Lancashire have a vacancy in their analytical laboratory for an assistant chemist. The work involves a wide range of pharmaceutical analysis and

volves a wide range of pharmaceutical analysis and volves a wide range of pharmaceutical analysis and includes a certain amount of experimental work. Essential qualifications are B.Pharm., Ph.C. or equivalent, and previous industrial experience is desirable but not essential. Initial salary £400-£550 according to qualifications and experience. Apply with full details, including salary required, to 155/572, C. & D. Office.

M.P.S. REQUIRED for Galenical-manufacturing laboratory. Must be willing to be sent out on locum duty, when necessary, High-

to be sent out on locum duty, when necessary. High-class Yorkshire wholesale and manufacturing chem-ists. 167/629, C. & D. Office.

PEPRESENTATIVE for South Wales. Under 40.

Must be pharmacist or experienced in the

Must be pharmacist or experienced in the trade, preferably with connection for well-known manufacturers. C.F. products, territory well established. Remuneration will be salary, expenses and commission. Fullest particulars first instance. 163/504, C. & D. Office. REPRESENTATIVE required by manufacturers

REPRESENTATIVE required by manufacturers branded line. Salary/commission. London a Home Counties. 167/639, C. & D. Office.

REPRESENTATIVES calling on high-class ston and chemists with proved sales ability a connections required to carry well-known lines cosmetics, fancy goods, leather goods and to Areas: Sussex, Hants, Dorset, Kent, Suffolk, Staford, Warwick, Derbyshire, Worcester, Herefor Somerset, Cornwall, Devon, Wiltshire, Caernarvo Denbigh, Shropshire, Cardigan, Beds, Notts, Yor N. Lancs. All areas South of Scotland. Liber commission basis and full support given. 167/66 C. & D. Office.

C. & D. Office.

PEPRESENTATIVES calling on retailers are in vited to carry for our cases.

REPRESENTATIVES calling on retailers are invited to carry for own account at big discount well-known nationally advertised quality product so by chemists, etc. Big turnover can be expect now and in future. Write, stating territory covered to 167/631, C. & D. Office.

REQUIRED by a well-known manufacturing the commist are presentative to cover the count of Norfolk and Suffolk, calling upon chemists at allied trades with a well-advertised product. Is muneration by commission. Please send full detail stating other lines handled. 167/626, C. & D. Office REQUIRED by a well-known manufacturing the chemist a representative to cover the count of Cornwall, Devon and Somerset, calling upon chemists and allied trades with a well-advertise product. Remuneration by commission. Please seguent in the count of Cornwall, Devon and Somerset, calling upon chemists and allied trades with a well-advertise product. Remuneration by commission. Please seguent in the count of Cornwall, Devon and Somerset, calling upon chemists and allied trades with a well-advertise product. Remuneration by commission. Please seguent in the count of Cornwall, Devon and Somerset, calling upon chemists are presentative to cover the count of Cornwall, Devon and Somerset, calling upon chemists are presentative to cover the count of Cornwall, Devon and Somerset, calling upon chemists are presentative to cover the count of Cornwall, Devon and Somerset, calling upon chemists are presentative to cover the count of Cornwall, Devon and Somerset, C. & D. Office.

C. & D. Office.

SURGICAL and chemists' sundries manager, p quired to take sole charge of warehouse a staff, London district. Apply in confidence, 164/54 C. & D. Office.

WANTED, man capable of producing medicat (MLS) gums and pastiles. A free hand will be give

and good wages paid to a man who knows his jo Write, 167/628, C. & D. Office.

WANTED by firm in N.W. London, laborated technician to assist in bacteriological laborated. W technician to assist in bacteriological laboratory. Permanent, pensionable position for suital applicant. Apply, with full details of training, perience and salary required, to Box 2374, Scott 9 Arundel Street, Strand, W.C.2.

WELL-INTRODUCED representatives calling retail pharmacists required to carry highlal proprietary on commission basis. Nation ethical proprietary on commisison basis. advertising will commence when adequate distribtion is achieved. Product well known and recomended by medical profession. Exclusive territor guaranteed. Other lines will be available late Write, giving full particulars of other products cried, territory covered and all usual particula 167/636, C. & D. Office.

WHOLESALE (OVERSEAS)

NDIA. Young single man required for position sales executive in Indian branch. Pharmaceu cal qualification and high standard of physical fitte required. Three years' agreement for first ter with pasage out and home, and permanency in propect. Send full personal details including ageducation, commercial experience and qualifications, to Personnel Manager, Allen & Hanbury Ltd., Bethnal Green, London, E.2.

SITUATIONS WANTED

2.6 for 18 words or less, Id. for every additional wa

LOCUMS WANTED

A SSISTANT in dispensing, thoroughly experenced all branches (including pharmaceutic and cosmetics). Reliable, active worker. A. George Street, Brighton.

WHOLESALE

B Sc (Pharm.), M.P.S. seeks situation with manufacturing concern, London area. Good experience with well-known firm. Apply, 166/615, C. &

COSMETIC chemist, 12 years' experience all branches, seeks part-time post, making up or in an advisory capacity. Please phone MAI 1063. CHEMIST, unqualified, 18 years' practical experience in the manufacture of high-class English and American cosmetic and toilet preparations, development of new formulæ, etc., seeks position in or near London. 165/558, C. & D. Office.

LOYAL services of man with all-round experience in pharmaceutical, food and cosnetic fields available. Skilled publicist. Change desired for personal reasons. "Enterprise," 166/611, C. & D.

PHARMACIST, 31, ex-Service, seeks representative appointment with first-class firm to call on chemists, S. Wales area as resident in North. No previous experience, but keen and acceptable. Car driver. 167/634, C. & D. Office.

REPRESENTATIVE with first-class chemist connection wishes to contact firm of repute for additional lines, Scotland. 167/620, C. & D. Office.

REPRESENTATIVE covering Home Counties. First-class connection, chemists, hairdressers, stores, desires agencies. Excellent references, carewner. 167/624, C. & D. Office.

REPRESENTATIVE with excellent connection calling regularly on chemists and allied trades in Kent, Surrey and Sussex, seeks one or two good additional sundry lines on commission only. Capable Kent, Surrey and Sussex, seeks one or two good additional sundry lines on commission only. Capable representation assured. 166/588, C. & D. Office.

SALES manager, qualified, with first-class experience, successful record, and highest references, seeks change. Capable complete control; advertising and buying experience. Present earnings £1,200 approx. 166/601, C. & D. Office.

SALES manager (M.S.M.A.) desires change. Sound experience training control, outside and

Sound experience training control, outside and nside sales staff, advertising, publicity, general administration. Handled chemist, hardware, grocery rades, chains, multiples, medical and dental professions, general goods, insecticides, ethical pharmaceuticals. 166/604, C. & D. Office.

cessions, general goods, insecticloes, ethical pharma-ceuticals. 166/604, C. & D. Office.

GUCCESSFUL manager leading cosmetic factory, Eire, manufacturers world-renowned products (Englishman) seeks change to U.K. Chemist, pro-duction, accountancy, advertising, staff control, etc. age 42. Experienced all latest types machines. In-terview, London if desired. 167/622, C. & D. Office. YORKSHIRE sales representative, 18 years' estab-lished connection, all chemists, department

lished connection, all chemists, department stores and wholesale, commencing on own account as manufacturers' agent, desires contact with reputable manufacturing firms, offering sole distributing ights for this area. Resident Leeds, telephone, car owner. 167/618, C. & D. Office.

WHOLESALE (OVERSEAS)

OVERSEAS representation, M.P.S., F.Chem.Soc. London, several years' experience S. Europe, N. Africa, etc., 5 years' commissioned service recent war, interpreter, anxious to increase our export lrive, particularly in non-sterling areas, very steady abits, energetic and cautious. 46, married, speaks talian, French, Spanish, Portuguese and fair Arabic. All round sound commercial experience and MaDic. All round sound commercial experience and une chemical and all associated industries from A o Z. Controlled several good firms' agencies and udvertising. Would consider depot working for mall group of non-competitive firms such as pharnaceutical, cosmetics, mineral water essences and nachinery, photographic, soaps, etc. Middle East, America, Africa, or other locality considered. Free 4 to 6 weeks. At present abroad but released from Services. 166/589, C. & D. Office.

APPOINTMENTS

KENT COUNTY COUNCIL

ASSISTANT PHARMACIST

Applications are invited for the following appointment at the County Hospital, Sevenoaks Road, Orpington.

ASSISTANT PHARMACIST (M.P.S. or Ph.C.) either sex. Hospital experience preferred. Salary £370 a year by four increments of £15 and one of £20 to £450 a year. Superannuation. Medical examination necessary.

Applications, stating age, qualifications, ex-perience, and the names and addresses of two responsible persons to whom reference may be made as to professional ability, to be sent to the County Medical Chieco, stone, as soon as possible.
W. L. PLATTS, County Medical Officer, County Hall, Maid-

Clerk of the County Council.

County Hall, Maidstone. 10th April, 1947.

LONDON COUNTY COUNCIL

ASSISTANT PHARMACIST REQUIRED for duty at each of the following hospitals:-

Banstead Hospital, Sutton, Surrev.

Bexley Hospital, Bexley, Kent.

Cane Hill Hospital, Coulsdon, Surrey.

Claybury Hospital, Woodford Bridge, Essex.

Friern Hospital, New Southgate, N.11. St. Bernard's Hospital, Southall, Middlesex.

Long Grove Hospital, Epsom, Surrey .

Candidates must be Registered Pharmacists.

Salary £370, rising to £450 a year. Commencing salary according to experience. For application form, returnable by 5th May, 1947, send stamped addressed foolscap envelope to Medical Officer of Health (MHS/I), Public Health Department (Mental Health Services), County Hall, Westminster Bridge, S.E.1.

LONDON COUNTY COUNCIL

PART-TIME ASSISTANT PHARMACIST required for duty at Tooting Bec Hospital, Tooting Bec Road, S.W.17. Candidates must be Registered Pharmacists. Salary five shillings an hour for a maximum of 21 hours a week. Apply to the Medical Officer of Health (MHS/I), Public Health Department (Mental Health Services), County Hall, Westminster Bridge, S.E.1. (1120).

SURREY COUNTY COUNCIL

ASSISTANT PHARMACIST required at:-COUNTY HOSPITAL, Dorking EPSOM COU Road, Epsom.

ST. HELIER COUNTY HOSPITAL, Carshal-

ST. PETER'S HOSPITAL, Chertsey.

Commencing salary on grade £370 x £15— £430 x £20—£450 p.a. inclusive. Applications in writing, stating age, qualifications and ex-perience with a copy of not more than three recent testimonials should be sent to the Medical Superintendent of appropriate Hospital.

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ROYAL NORTHERN HOSPITAL, HOLLOWAY, LONDON, N.7

Required, lady with Apothecary Hall qualifi-cation to assist in the Dispensary and with cleri-cal duties of the Department. Salary £270-£320 according to experience. Applications, together with copies of recent testimonials, should be sent to the undersigned.

GILBERT G. PANTER.

MIDDLESEX COUNTY COUNCIL Registered Pharmacists required at West Mid-

dlesex Hospital, Isleworth, Middlesex .: -

ex Hospital, Isleworth, Middlesex.:—ASSISTANT PHARMACIST, J.N.C. (Hosp. Staffs) scale, £370 x 5 annual increments to £450 p.a. inclusive. Previous similar experience may be considered recommencing salary. Whole-time, established, pensionable, subject to medical examination. Recently qualified pharmacists considered. (1) ASSISTANT considered.

(2) LOCUM ASSISTANT PHARMACISTS, one to commence duty immediately and one from 16.6.47 to 2.8.47, and 18.8.47 to 27.9.47. £7 7s. per week, plus any tem-

porary bonus. porary bonus.

Application stating qualifications, experience, enclosing copies of up to 3 recent testimonials to CHIEF PHARMACIST, at Hospital (quoting B.484 C.D.) immediately.

C. W. RADCLIFFE.

Clerk of the County Council.

Middlesex Guildhall, S.W.1.

AGENCIES

12/6 for 36 words or less, 3d. for every additional word

A GENT with chemists' connections required to carry as an additional line small cosmetic bottles. Write, full particulare first application, as to territory, etc., 166/616, C. & D. Office.

BELGIAN Market. Pharmaceutical chemist, British subject, wide commercial experiences, resident of Brussels, seeks agency of British chemical and pharmaceutical manufacturers. References available First-class houses only considered. Write 166/612, C. & D. Office.

MANUFACTURERS' agent in North-east Midlands is desirous of contacting principals offering high-class pharmaceutical products for retail

lands is desirous of contacting principals offering high-class pharmaceutical products for retail distribution. Write, in first instance, to 167/633,

NEW ZEALAND agency, long established, doing extensive business in medical supplies, wishes

extensive business in medical supplies, wishes to represent British manufacturer on distributive or agency basis. 167/638, C. & D. Office.

PEPRESENTATIVE seeks to contact firm of repute for sole agency. High-grade perfumery and toilet requisites; first-class connection stores, chemists, hairdressers, wholesale and retail, Scotland. Apply in first instance, 167/619, C. & D. Office.

WE offer our organisations as representatives for all types of merchandise suitable for the

W all types of merchandise suitable for the Canadian market. British references on request. Write The Stanley Distributing Company, 353 St. Nicholas Street, Montreal.

PREMISES WANTED

FACTORY suitable for the manufacture of polishes, domestic utilities, etc. Floor space 4,000/6,000 sq. yards. London, Home Counties or Midlands. Going concern considered. Communications to 166/607, C. & D. Office.

BUSINESS OPPORTUNITIES

12/6 for 36 words or less, 3d. for every additional word

A DVERTISERS wish to contact reputable and well-established pharmaceutical manufacturing company who would appreciate an opportunity of co-operating with the Ruler of an Indian State on 50/50 basis in commencing manufacture in India. 166/617, C. & D. Office.

BUSINESSES FOR DISPOSAL

1/6 for 40 words or less, 2d. for every additional word

FOR sale. Chemists and hairdressers sundries and wholesale factors. Turnover £50,000 per annum. Established 20 years. Situated in Mayfair. Valuable lease. Part of premises sublet producing £950 per annum. Goodwill, fixtures, fittings and lease, price £10,000 a.a. S. Alan Smith, F.A.L.P.A., F.V.A., Auctioneer and Valuer, 59/61 Hampstead Road, N.W.1. EUSton 1407/8.

WANTED

1/6 for 36 words or less, 2d. for every additional word

A LL sizes second-hand cardboard cartons urgently required. No soap or margarine. Any quantity. Top prices paid. Inspection at your convenience. Ofters and details to Anthony Skene & Sons, 2 Alexandra Road, Windsor.

MANUFACTURERS require supplies of Stearic Acid and Glycerine, B.P. Best prices paid for any quantity. Write, 166/614, C. & D. Office SACCHARIN Tablets. Pharmacist, proprietor of a good-class single pharmacy, would be alt

a good-class single pharmacy, would be glad to obtain regular supplies of standard strength saccharin tablets in bulk or packed. Write in strictest confidence to 166/605, C. & D. Office.

SMALL experimental size mixing machine suitable for paste mixings. Hand or power driven. State capacity and details to Three Crowns Tablet Co., 21/25 Derringham Street, Hull.

WANTED, saccharine tablets and sweetening tablets, bulk or packed. Spot cash paid. Wessex Pharmacies, Ltd., 439 Millbrook Road, Southampton. Southampton.

WANTED. One million lots or less. Saccharin tablets. Best prices paid. Cheque against proforma. Francis & Co., Chemists, Wrexham.

OZ., 3 oz., 4 oz. ribbed ovals urgently required (new or used). Please state constitutions

(new or used). Please state quantity available, price, date of delivery, etc. Ulster Chemists, Ltd., 210 Grosvenor Road, Belfast.

MISCELLANEOUS SALES

12/6 for 36 words or less, 3d. for every additional word

FOR Sale. Sodium salicylacetate in cwt. lots.
M. Calthorpe & Co., Manufacturing Chemistry, Ossett, Yorks.
GENUINE Egyptian Henna, surplus to requirements, available in bulk quantities at 6/- per lb. 166/608, C. & D. Office.
SURPLUS. 25 gross 2 oz. toilet bottles with black bakelite caps available for immediate delivered.

bakelite caps available for immediate delivery.
H. S. Bottle Co., Ltd., 15a Whitcomb Street, Pall
Mall East, London, WC2
URPLUS stock. 6½ cwt. white B.P. Petroleum
Jelly. 3 cwt. white B.P. bleached Beeswax.
28 lb. Nipagin M. 3 drums Technical White Oil.
What offers? Apply 167/625, C. & D. Office.
CURPLUS. 100 gross 6 oz. cork-mouth medical
flats for sale, in London area. Enquiries
167/635, C. & D. Office.

CHEMIST AND DRUGGIST

ESTABLISHED 1859

for RETAILER—WHOLESALER—MANUFACTURER Circulates throughout the Pharmaceutical, Chemical, Drug, Essential Oil, Perfumery, Cosmetic, Toilet Preparation and allied Trades and Industries in Great Britain, Eire, British Empire, and foreign countries

Official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland and of other Chemists' Societies in the Empire.

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APRIL 19, 1947

NO. 3504

Another Austerity Budget

It had been anticipated that in his third post war Budget the Chancellor of the Exchequer (Mr. Hugh Dalton) would be in a position to announce fairly substantial reliefs from the present onerous burdens of taxation carried by both the individual taxpayer and by trade and industry. view was strengthened when it became known that there was a surplus on the existing basis of taxation of £248 million. It was also appreciated that there would be a further big saving in the cost of upkeep of the Forces during the coming financial year. Despite these favourable conditions, so far as trade and industry are concerned, taxation is to be increased by an additional 2s. 6d. in the £ on distributed profits; by doubling the rate of stamp duty on stocks and shares transfers and by imposing a new tax of 10 per cent, on the value of bonus issues. In his broadcast speech to the nation Mr. Dalton said that "far too much of profits was frittered away in dividends instead of being ploughed back into industry." We agree there may be isolated instances of profits distribution of the type Mr. Dalton indicts. To reform the exceedingly few black sheep he is, however, prepared to penalise industry and shareholders generally. In this sweeping utterance Mr. Dalton has once more showed his distaste for private enterprise.

Other increases in taxation are to operate in respect of death duties on the larger estates, and on the stamp duty on transfers of property above a certain value. The hardy

annuals, beer, wines and spirits, have escaped further punishment this time, but the 50 per cent, increase in the Excise duty on tobaccos and cigarettes is in the nature of a bombshell. There are sound reasons for this terrific increase but it will no doubt be hotly contested during the course of the debate on the Budget. Opinion may even be sufficiently strong to bring about a slight modification of this proposal. Some changes in rates of purchase tax are notified, a few of which are of interest to the drug trade. Domestic water filters are to be exempt from the tax; on all hot water bottles the tax is to be made uniform at the rate of $16\frac{2}{3}$ per cent, and the tax on razor strops and razor sharpeners, dental sticks and toothpicks is to be cut from 100 per cent. to 333 per cent. There will be disappointment in the drug trade that Mr. Dalton has not seen his way to remove this impost from medicines and drugs. He has given a preference to a range of sports goods, the tax on which it is proposed to halve. The heavy rates of tax on perfumery, cosmetics and toilet preparations are to continue unchanged.

The main concessions in the Budget are on income tax. The earned income allowance is to be raised from one-eighth to one-sixth with the maximum allowance increased from £150 to £250. Allowances for children are to be moved up from £50 to £60. There is, however, to be no change in the standard rate of tax. These long overdue reliefs in direct taxation will be welcomed although they are to some extent offset by increased indirect taxation,

mostly borne by industry.

The Chancellor, in the course of his speech, gave several reasons for deciding to continue for yet another year a policy of caution and austerity. Although expenditure during 1947-48 is planned to be reduced by a further £920 million, which includes a cut of £837 million in cost of upkeep of the Forces, revenue on the new basis of taxation will, it is estimated, exceed that of 1946-47 by £110 million. The Chancellor pointed out that commitments for social services had increased considerably; that with the danger of inflation still with us, due primarily to there being, "too much money and too little

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goods," he had had to budget for a surplus instead of a deficiency. When goods became plentiful, he said, we may then be able to budget for a deficiency in order to encourage spending. The "modest reliefs" in income tax will, it is estimated, exempt some 750,000 from liability to this tax. Obviously they have been put forward with the object of overcoming the unpopularity of overtime. How far they will succeed remains to be seen.

Lessons from Analysts' Reports

THE report of the Birmingham city analyst for the fourth quarter of 1946, summarised in the C. & D., April 12, p. 390, is a reminder of the ease with which the products chemists sell may fail to satisfy the requirements of food and drug sampling officers. Of eighty-five samples taken during the quarter, ten proved, on examination, to be incorrect.

Thus a sample of borax and honey found to contain excess borax proved to have been taken from a batch prepared by the pharmacist concerned, and the excess was attributed to an error in calculation. The manufacturers of a sample of sulphur ointment found to contain excess sulphur claimed that some portions of an ointment made strictly in accordance with B.P. directions, i.e., by triturating 100 parts of sulphur with 900 parts of simple ointment, would contain less than 10 per cent. of sulphur. Because the sulphur used is crystalline, with larger and less regular particles than the constituents of other ointments, and because the ointment is milled, the tins being filled in the cold, the manufacturers had adopted the policy of using a small (10 per cent.) excess of sulphur, so that no portion of the finished ointment should contain less than 10 per cent.

Following a customer's complaint, a sample of compound syrup of figs taken from a drug store was found to contain several dead flies. The makers stated that they had investigated a similar complaint six months earlier. They found that corks which had blown out of the bottles during a period of hot weather had, in some instances, been replaced only after several days. Flies, attracted into the bottles by the syrup, had been enclosed when the corks

were replaced. Corked bottles for syrup of figs had subsequently been replaced b bottles with metal screw caps.

The formula given on a tube of tanni acid jelly proved to be different from that given on the carton in which it was packed an obsolete carton had been used.

None of the errors had serious conse quences, and the inspector was conter merely to issue a warning to the manufact turer or retailer concerned. The analyst report, however, shows how easily error le arise in any busy pharmacy unless ever lapre item of stock is subjected periodically t careful scrutiny.

Prescriptions for Barley Sugar

UNDER an Order issued recently by th Minister of Food, glucose barley sugar ma be supplied by pharmacists on prescription without surrender of personal points.

The prescription must be dated an signed by the medical practitioner with his and usual signature, and must specify both the name of the patient and the weight barley sugar, not exceeding 2 lb., to b Alternatively the prescription with supplied. may direct that a quantity not exceeding 2 lb. may be supplied on each of three of opi occasions at intervals of not less than on the month. After the prescription has been the dispensed, the pharmacist must send it to a manufacturer, who will thereupon re plenish the pharmacist's stock to the exten of the material ordered. On each occasion of the that a manufacturer supplies barley sugar all magainst a prescription, he must mark the state of form indelibly with his name and address he hon the date of supply, and the quantity supplied. If still valid for further supplies, the prescription must be returned to the patien via the pharmacist. When the final quantity has been supplied, the form must be likely that the pharmacist when the form must be likely to the pharmacist. retained by the manufacturer for one year or delivered up on the direction of the Minister of Food. Both manufacturer light and pharmacist are required to check the authenticity of the signature on the on the prescription.

The Order, the Rationing (Personal Personal Points) (General Licence) Order, 1947 (S.R. & O., 1947, No. 595) came into force or Patrat & O., 1947, No. 595) came into lote of April 6. Copies may be obtained from April 6. H.M. Stationery Office, price one penny each.

PROPOSED REVISION OF CONSTITUTION

THE Council of the Pharmaceutical Society has reviewed the Society's Constitution, and now puts forward, for the consideration of Branch Representatives, a number of proposals for its amendment, recognising that a number of the proposed changes could be effected only by statute, and not for some time to come.

Objects, Powers and Duties

The only object, power or duty, under the present constitution of the Society, which the Council considers unsatisfactory is the chartered object, "the protection of those who carry on the business of chemists and druggists." The opportunity might, however, be taken to bring other chartered objects into conformity with present-day conditions. The prohibition upon "regulating the relations between workmen and masters, or between workmen and workmen, or between masters and masters," imposed by the Jenkin judgment, left the Society free to give advice and guidance to its members (as opposed to applying sanctions) regarding their hours of business, conditions of employment, and the prices at which they sell their goods. The Council is of opinion that the Jenkin judgment imposes, in this matter, no undue limitation on the Society's powers requiring to be remedied by an amendment of the constitution, but, on the limitation of powers of "protection" to chemists and druggists in business on their own account, recommends that the object "protect" should extend to all members. The most suitable form of words is considered to be "To maintain the honour and promote the interests of the pharmaceutical profession.'

The next suggestion is that "advancing chemistry and pharmacy and promoting a uniform system of education of those who should practice the same" should be altered to "advancing pharmacy and promoting pharmaceutical education."

Single Register

The Council considers that the time is long overdue for establishing in pharmacy a single statutory register, such as exists in other professions; the Society would then have a single qualification of its own for registration as a pharmacist, and a higher one of a voluntary character would be devised to replace the existing higher statutory qualification. Thereafter all registered pharmacists ought to be free to use any of

the titles now available to pharmaceutical chemists or chemists and druggists.

Fellows; Honorary, etc., Members

To mark higher educational attainments, it is proposed to create a new category of membership, namely fellowship, admission to which would be determined by bylaws. All pharmaceutical chemists at the date of fusion of the registers would automatically be made eligible for election as fellows, while a higher qualification would be prescribed for the election of fellows subsequently. This would replace the pharmaceutical chemist qualifying examination. The Council proposes that honorary membership should be reserved for persons distinguished in their respective sciences or who have rendered conspicuous service to the Society; that corresponding member-ship should be available for persons of standing residing in other countries but not necessarily qualified for election as honorary members.

"Colonial" and Foreign Pharmacists

The Council recommends that any power to register "colonial" pharmacists or others should be subject to the fulfilment of such conditions as may be prescribed by bylaws. [At present the Society is specifically excluded from requiring "colonial" pharmacists to submit to any modified examination.] Power to admit foreign pharmacists to the register of pharmacists, subject to such conditions as may be prescribed by bylaws, is also recommended. The Council, in its memorandum, further recommends deleting the special provision under which a person who obtains a University degree is required to submit himself for examination only in forensic pharmacy and that in place of it the Council should be empowered to admit graduates in pharmacy of British Universities for registration as pharmacists, subject to such conditions as may be prescribed by bylaws.

Branches and Groups

A recommendation by the Committee of Inquiry that the number of members of Council appointed by the Privy Council should be increased, the additional members being pharmacists, is accepted, and the Council considers that the number of such additional members should be limited to three, the appointments to be made by the Privy Council after consultation with

to the total series of the

the Council. It should rest with the Council to decide whether any or all of the three places should be filled at any time. The Council recommends that provisions governing the Society's branch system should be formally incorporated in the bylaws, and that provision should be made for the formation of special groups of members (e.g., hospital, manufacturing), the qualification for membership of the groups being occupational, not territorial.

Recommendations are made that the detailed conduct of elections should not be determined by statute or charter, but governed by bylaws, which the Society would be free (subject to the approval of the Privy Council) to vary and that the following matters should also be determined by bylaws:— Mode of election of president, other officers and elected members of Council; terms of office; filling of casual

vacancies.

If the Society is granted facilities to modify its constitution, an opportunity will arise for remedying a number of anachronisms which exist as a result of the many changes made in the Society's constitution in the past. Examples: - Examiners are still appointed under the charter though they no longer conduct examinations under the charter; the category "apprentices or students" remains, though persons are no longer elected to this category; the Privy Council confirms the appointment of examiners for, and appoints visitors to, examinations for registration as chemists and druggists but not for registration as pharmaceutical chemists; minor differences exist in the statutory provisions governing the maintenance of the register.

A draft memorandum on the need for revising the constitution of the Society has been prepared for presenting to the Privy

Council.

SALARY SCALES FOR HOSPITAL PHARMACISTS

In February the Joint Negotiating Committee (Hospitals Staffs) recommended that the salaries of all pharmacists and assist-

should be left to local agreement, but that, when such duty is frequent, time-off should be provided in compensation. The re-

Category	Total dis- pensing or techni- cal staff	Min. £	Max.	Annual increments	Special features
Chief pharmacist Chief pharmacist Chief pharmacist Chief pharmacist	6+ 6 5	600 575 550	700 675 650	5 of £20 5 of £20 5 of £20	Salary at discretion of employing authority
Chief pharmacist Chief pharmacist Pharmacist-in-charge Deputy chief	3 2 1	520 485 420/475	620 585 495/550	5 of £20 5 of £20 5 of £15	Commencing salary at discretion of employing authority
pharmacist First or senior	5 or 5+	425	525	5 of £20	Sixth increment of £15 if specially recommended
assistant Assistant pharmacist		415 370	490 450	5 of £15 4 of £15 and 1 of £20	

ants employed in hospital dispensaries covered by its negotiations should be increased by £50 per annum as from October 1, 1946 (see C.&D., February 8, p. 170). The new annual scales for hospital pharmacists, incorporating the £50 annual increase, are shown in the table below. Officers appointed as chief pharmacists, pharmacists-in-charge (single-handed), deputy chief pharmacists, or first assistant pharmacists must have not less than three years' hospital or public health service experience after qualifying. The committee recommends that arrangements for "on call" duty

muneration recommended for a part-time pharmacist where no other pharmacist is employed is 8s, per hour, with 5s. 6d. an hour for a part-time assistant pharmacist. For full-time posts the scales are based on an average working week of thirty-nine hours, excluding meal-times.

Blackish.—I met one [an "anonymous Whitehall medical adviser"] in the flesh the other day and invited him in for a cup of black coffee with saccharin (grey market—i.e., through the hospital dispensary).—Peripatetic correspondent in the "Lancet."

COSMETICS IN SOVIET RUSSIA

Above: The perfumery department of a Moscow store. A great variety of perfumes is available, many of them in fancy containers of distinctively Russian appearance.

At right. Maria Fortinskaya, assistant chief of the cosmetics department of the Svoboda soap and cosmetics factory, Moscow, inspects the quality of tooth-paste tubes.

Below: With the help of many Stakhanovites (shock brigaders), the Svoboda works came through 1946 ahead of its production quota. Galina Mirosshnikova, a leading worker in the soap department, attends a continuation school in the evenings.



Photos from Moscow

PHARMACEUTICAL SOCIETY OF IRELAND

The April meeting of the Council of the Pharmaceutical Society of Ireland was held in Dublin on April 8, Mr. J. K. Whelehan (president) in the chair. Also present were Messrs. P. A. Brady, J. Gleeson, P. C. Cahill, G. C. O'Neill, N. A. P. McKane, T. C. Scott, F. X. Meagher, H. P. Corrigan, T. B. O'Sullivan, R. Daly, J. A. O'Rourke, P. Fullam, and J. P. Kissane. Apologies for absence were received from Messrs. J. Blair, M. Power, and P. Brooke Kelly.

Greetings were received from the Pharmaceutical Society of Western Australia. A letter was read from the International Pharmaceutical Federation stating that the twelfth general assembly of the Federation would be held in Zurich on August 26.

Examiners' Comments

Mr. T. R. Bourke, M.P.S.I. (an examiner to the assistants' examination) stated in a letter that he could not agree with a complaint from the Students' Representative Council that the time allotted to the written paper in the assistants' examination was too short. The examiners had always considered the time factor seriously and Mr. Bourke always wrote out in full the answers to his own questions, and then made a liberal allowance of extra time to the student. He had sometimes reduced the scope of the questions to allow the students sufficient time. He undertook to take particular note of the complaint at the next examination and to report again to the Council. Mr. J. K. Carvill, M.P.S.I. (another examiner) stated in a letter that he did not consider the students' complaint justified. The President said that the Council was satisfied, from the examiners' letters, that the time allowed for the examination was reasonable.

Registered Druggists' Association

A letter from Mr. J. J. Bridgman (secretary, Registered Druggists' Association of Eire) inquired when a reply might be expected to a memorandum which had been submitted to the Council by the Association two months earlier. The memorandum had been sent at the Council's request, as a preliminary to discussions between the two organisations. Mr. Mckane said that unfortunately some of the statements and figures given in the memorandum were seriously inaccurate. In the memorandum the Association claimed that during the past twenty years the difference between the

pharmaceutical chemist and the registered druggist had greatly diminished. That was an extraordinary statement, as the principal function of the pharmaceutical chemist was to dispense medicines while the function of the druggist was to vend poisons. How could such separate functions converge of diverge? There were actually seventy registered druggists keeping open shop, while 148 were domiciled in Eire. There was an inaccuracy of 25 per cent. in some of the figures given by the Association. He though that before doing anything, chemists in Eire should have an opportunity to examine the proposals, a referendum being taken in necessary. The President asked whether Mr. McKane wanted the statement sent back to the Druggists' Association for the figures to be corrected. Mr. McKane, ir reply, said he wondered whether the druggist question should be reopened at the present time.

THE PRESIDENT said the registered druggists represented an odd class within phar macy, and in the event of new legislation their position would have to be considered If a decision were reached beforehand is might facilitate the drafting of legislation Mr. Mckane said it might be years before new legislation was drawn up and few pharmacists felt confident about the treatment they would receive from the legis MR. DALY agreed with Mr lature. McKane but felt that the position of the registered druggist had become unnecessary under modern conditions of pharmacy. I should be "liquidated."

Referendum Suggested

MR. MCKANE said that those chemists who had druggist competitors would not be pleased at having the druggists competing with them on level terms. MR. BRADY said that before any decision was made a special meeting of the Council should be called. A referendum or a general meeting of members could then be arranged.

MR. MEAGHER thought the discussion was premature. It might be ten years or more before new pharmacy legislation came, and any agreement made now would be out of date by then and might tie some future Council. The question should be deferred until legislation was imminent. THE PRESIDENT and MR. O'ROURKE supported Mr. Meagher. It was agreed that the officers of the Society should meet the representatives of the Druggists' Associa-

tion and point out that, until legislation was imminent, any discussion was premature. An application from Mr. M. Byrne for

restoration to the register of pharmaceutical

chemists was granted.

The reports of the House, Schools, and Certificates and Declarations Committees were submitted and approved. The Certificates and Declarations Committee stated that forty-eight candidates had entered for the forthcoming licence examination and one for the registered druggist examination.

Mr. J. J. Kerr (registrar) reported on the deaths of Messrs. D. A. Dolan, M.P.S.I.,

and R. S. Anderson, R.D.

A resolution of thanks to Mr. Frank Steele for his generous donation of an antique medicine chest to the Society's museum was carried unanimously.

The following changes of address were motified:— Mr. J. W. MacConnell, M.P.S.I., to 71 Castle Street, Nenagh; Mr. R. G. C. Urch, M.P.S.I., to 12 Mulgrave Terrace, Dun Laoghaire; Mrs. E. Butler, L.P.S.I., to 98 S.C. Road, Rialto Dublin; Mr. H. Weiner, L.P.S.I., to 29 Westfield Road, Harold's Cross, Dublin; Mr. G. Hennessy, A.D., to 24 Mount Pleasant Avenue, Turner's Cross, Cork.

A motion moved by Mr. Meagher and seconded by Mr. O'NEILL, was passed amending the regulations to give the board of examiners power under certain conditions to refer a candidate in the licence examination and require him to sit for the

examination again.

The licence certificates of Jeremiah Joseph McMorrow and Mary Veronica Kennelly were signed and sealed. Messrs. M. Bermingham and J. J. Natin were elected members of the Society. The following were nominated for membership: Mrs. E. Butler, Dublin; Mr. L. J. Curran, Donabate, co. Dublin; Miss R. D. Mulligan, Dublin; Miss M. O'Malley, Oughterard, co. Galway. Mr. L. B. Martin, Glasnevin, Dublin, was nominated as an associate druggist.

At a meeting of the Benevolent Fund Committee held after the Council meeting a number of grants were passed for

payment.

ANNUAL MEETING IN SCARBOROUGH

At the annual meeting of the Scarborough Branch of the Pharmaceutical Society recently, the following officers were elected for 1947: — Chairman, Mr. F. C. Rimington; Vice-chairman, Mr. F. S. Holt, Bridlington; Treasurer, Mr. H. M. Hirst; Secretary, Mr. A. Walker; Assistant Secre-

tary, Mr. E. Hunt.

The retiring chairman (Mr. H. M. HIRST) said he had been in office as either chairman or secretary since the Branch had been formed exactly twenty-four years ago. Many of the present members of the Branch were his former students. Now that he had undertaken to help Mr. Mallinson with plans under the National Health Service for rural dispensing, particularly in the North Rid-ing, he had asked to be relieved of some of his local work.

Mr. Hirst then discussed the Final Report of the Society's Education Committee. He had fought the proposals un-swervingly in the Council chamber and at one period in the final debate had thought a majority of his colleagues would support him. Mr. Linstead, however, had inter-vened, went on Mr. Hirst, and calmed the lears of some members of the Council who had expressed concern, and in the end, he (Mr. Hirst) was supported by Messrs. Wells, Granville Shaw, Davis and Brocklehurst. His main concern now was for apprentices registered up to 1948. He could not agree that all such apprentices would be able to qualify before the new proposals became effective.

Mr. Hirst said he had been encouraged in his opposition to the new proposals by letters from pharmacist friends throughout Great Britain. He had been asked why the proposals had been rushed through without the approval of the Branch Representatives. It was not yet possible to speak freely, for many of the proposals had not been released for publication.

Two factors must be borne in mind: (a) The impending proposed changes in the Society's constitution; and (b) the close association of London University with the Society's college. Mr. Linstead, Pro-fessor Berry and Mr. Meldrum had all given indications of proposed changes in their recent speeches. The edifice of the Pharmaceutical Society, as raised by William Allen and Jacob Bell, had been condemned as out-of-date and beyond repair. It had to be razed to the ground and rebuilt from the foundations. One supporting pillar had been knocked away by the passing of the Education Committee's report; a second would go when the constitution of the Society was altered. The keystone would fall when the negotiations with London University were completed.

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GUIDE TO NEW MEDICAMENTS

Information—in a form convenient for mounting on record cards for permanent cardindex systems—about new proprietary medicaments supplied principally on a prescription. Their mention in these columns does not imply Editorial recommendation. A limited number of reprints will be made available to subscribers on application.

ENTROSALYL

MANUFACTURER: Continental Laboratories, Ltd., 101 Great Russell Street, London, W.C.1. Description and Formula: Enteric coated capsules containing 0.5 gm. sodium salicylate. Indications: Acute articular and extra-articular rheumatism, and hepatic disorders.

Dosage: Adults: Six to twenty capsules daily, or more according to medical directions. Children (under ten years of age): One capsule daily for each year of age.

How Supplied: Bottles of 50 and 200 capsules.

Notes: The makers state that this form of administration allows high doses of sodium salicylate to be given without gastric disturbance, and permits of gradual absorption of the drug without danger of saturation.

DYSPASTOL

Manufacturers: H. R. Napp, Ltd., 3 & 4 Clements Inn, London, W.C.2.

DESCRIPTION AND FORMULA: Compressed tablets containing:

Ephedrine hydrochloride gr. ½
Potassium bromide gr. 3
Dry extract of hyoscyamus gr. 1/7

INDICATION: Dysmenorrhæa.

How Supplied: Packings of 25 and 500 tablets.

SARIDONE (New FORMULA)

MANUFACTURER: Roche Products, Ltd., Welwyn Garden City, Herts.

DESCRIPTION AND FORMULA: Compressed tablets, stamped with name Saridone, and containing.

Phenyl-dimethyl-isopropyl-pyrazolone150 mgm.Phenacetin250 mgm.Caffeine50 mgm.Diethyl-diketo-tetrahydropyridine50 mgm.

INDICATIONS: As an analgesic and sedative in headache, toothache, neuralgia, neuritis, migraine, rheumatic pain, dysmenorrhæa, etc.

DOSAGE: One or two tablets. May be repeated two to three times in twenty-four hours.

How Supplied: Bottles of fifty tablets.

Notes: The tablets also have an antipyretic effect.

TYROTHRICIN CONCENTRATE

MANUFACTURERS: Sharp & Dohme, Ltd., Mulford Biological Laboratories, Hoddesdon, Herts.

DESCRIPTION AND FORMULA: Bactericidal concentrate derived from Bacillus brevis, and consisting principally of two fractions: gramicidin and tyrocidin. Contains 25 mgm. tyrothricin per mil.

INDICATIONS: Infections due to Gram-positive organisms (by direct application to infected wounds).

How Supplied: Package containing 1 mil tyrothricin concentrate and 49-mil vial pyrogen-free sterile distilled water for making 50 mils of a solution containing 0.5 mgm. per mil.

Notes: For topical application only.

COMING EVENTS

Monday, April 21

ROMFORD BRANCH, PHARMACEUTICAL SOCIETY, Market Room, Golden Lion Hotel, Romford, at 7.30 p.m. Annual meeting. ABERDEEN PHARMACEUTICAL ASSOCIATION, Governor's Room, Robert Gordon's College, Aberdeen, at 7.30

p.m. 108th annual meeting.

Tuesday, April 22

HARROW BRANCH, PHARMACEUTICAL SOCIETY, Oak Hall, Baptist Church, College Road, Harrow, at 7.45 p.m. Dr. Caryl Thomas (medical officer of health for Harrow) on "The Implications of the National Health Service."

DURHAM COUNTY BRANCH, PHARMACEUTICAL SOCIETY, Pattinsons' Cafe, 56 Old Elvet, Durham, at 7.30 p.m. Members' "grouse night."

MANCHESTER BRANCH, GUILD OF PUBLIC PHARMA-CISTS, St. Mary's Hospital, Whitworth Street, Manchester, at 6.30 p.m. Annual meeting.

Wednesday, April 23

CHESTERFIELD BRANCH, PHARMAGEUTICAL SOCIETY, Ophthalmic Out-patients' Hall, Royal Hospital, Chesterfield, at 8.15 p.m. Mr. D. G. Ardley (May & Baker, Ltd.) on "Sulphonamides and Antibio-tics" (Joint meeting with British Medical Association Branch.)

WESTERN [LONDON] PHARMACISTS' ASSOCIATION, 17 Bloomsbury Square, London, W.C.1, at 7.30 p.m. Mr. Charles Beaven, Ph.C. (Parke, Davis & Co.), on "The Riddle of Allergy."

ORTH STAFFS BRANCH, PHARMACEUTICAL SOCIETY Grand Hotel, Hanley, at 7.30 p.m. Annual meeting.

Thursday, April 24

COMBINED LONDON BRANCHES, PHARMACEUTICAL SOCIETY, Kingsway Hall (Lecture Hall), Kingsway, London, W.C.2, at 7 p.m. Addresses by candidates for the Pharmaceutical Society's Council.

dates for the Pharmaceutical Society's Council.

'HAMES VALLEY PHARMACISTS' ASSOCIATION, Kingston Hotel, Kingston-on-Thames, at 7.45 p.m.

Brains trust consisting of Miss I. P. Brown (pharmacist, Kingston Hospital), and Messrs. F. C.

Wilson (secretary, Surrey Pharmaceutical Committee), W. S. Howells (a member of the Pharmaceutical Society's Council), A. Mortimer (a former lecturer in forensic pharmacy) and N.

Dewey (Allen & Hanburys, Ltd.). Question master, Mr. R. Brill (principal, Kingston School of Art).

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DUNDEE AND EAST AND CENTRAL SCOTTISH BRANCH, PHARMACEUTICAL SOCIETY, Royal Hotel, Union Street, Dundee, at 7.30 p.m. Annual meeting. Mr. F. W. M. Bennett, M.P.S., on "The National Health Service Bill (Scotland)."

EEDS BRANCH, PHARMACEUTICAL SOCIETY, Metropole Hotel, Leeds, at 7.30 p.m. Mr. T. Heseltine (a member of the Society's Council) on "The Society's Education Policy."

TORTHAMPION POLYTECHNIC, St. John Street, London, E.C.I, at 7.30 p.m. Mr. A. J. Philpot (director, Scientific Instrument Manufacturers' Association) on "Scientific Instrument Manufacture and the Nation." Tickets for free admission available from Northampton Polytechnic.

Friday, April 25

LACKPOOL JUNIOR BRANCH, PHARMACEUTICAL SOCIETY, Victoria Hospital, Blackpool, at 7.30 p.m. Penicillin lecture and demonstration by Mr. J. Shenton.

EWCASTLE AND DURHAM SECTION, CHEMICAL SOCIETY, Chemistry Lecture Theatre, King's College, Newcastle-on-Tyne, at 5 p.m. Reading of original papers.

FEDERATION OF BRITISH INDUSTRIES, Merchants Hall, George Square, Glasgow, at 10 a.m. Scottish regional conference on "Research and Progress of Industry in Scotland." Tickets (free) from F.B.I., Scottish Office, 142 St. Vincent Street, Glasgow, C.2.

BLACKPOOL JUNIOR BRANCH, PHARMAGEUTICAL SOCIETY, is holding a dance at Hill's Cafe, Bank Hey Street. Blackpool. on Friday, May 2. Tickets (price 4s. each) may be obtained from Miss L. I. Anderson, Corbière, Normoss Road, Newton, Black-rool pool.

EXAMINATION RESULTS

THE following candidates satisfied the examiners in the Chemist and Druggist Qualifying examinations of the Pharmaceutical Society of Great Britain, held in England and Wales in March and April:-

Aminoff, Isaac, Chelsea.

Brodie, Robert McGregor, Stoke-on-Trent.

Cope, Dorothy, Derby. Cross, Leslie James, Kettering.

Densham, Christine, Leicester. Evans, William Victor, Merthyr Tydfil.

Gillanders, Kenneth, Coventry.

Holmes, Barbara Phoebe, Torquay.

Isaacs, Lawrence, Chesham. Jobson, Harold, Middlesbrough.

Nixon, Betty, Birmingham.

Orton, Audrey Mary, Coventry.

Parkinson, James Christopher, Sheffield. Penney, Kathleen Muriel, Parkstone.

Remington, Archie, Stoke Newington. Tapsfield, Douglas, Tunbridge Wells. Torkington, Frank, Stockport.

Vickers, Sidney, Stockton-on-Tees. The following candidates satisfied the examiners in Scotland:-

Amy, Snowdon Francis, Liverpool. Bagoban, Joseph Gaston Raymond, Lon-

don. Ellis, Richard Harrison, Doncaster.

Firth, Brenda, Leeds.

Gove, Gordon, Glasgow. Gray, George, Kirkwall.

Haworth, Arthur, Blackburn.

Koster, Maria, Alloa.

Mather, Kenneth, Castle Northwich.

Pierce, Orwig, Wallasey. Ross, Alexandra Mackenzie, Aberdeen.

Ross, Veronica Una Buchan, Manchester. Smith, Eric, Morecambe and Heysham. Woolgar, Maurice John, Southsea.

Herring Oil Extraction.—The Herring Industry Board is planning to establish a series of new factories in Britain for the extraction of oil from herrings. Herring oil is found to be rich in protein and may be of therapeutic value in tropical areas where protein deficiency is widespread.

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TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quantities of standard quality. Prices of crude drugs and essential oils vary as to brand or grade.

28 Essex Street, W.C.2, April 16

Business in Pharmaceutical Chemicals continues on a good scale with demand, from both overseas and home buyers, far exceeding supply. Production is still suffering from shortages of one kind and other; some small improvement might be effected if there was a better return of empty containers. The firmness of the market is still in evidence but there have been very few price movements. Emetine salts have been advanced; the Hydrochloride is higher by Ss. and the Bismuth hodide by 4s, per oz. The minor iodides have now been brought into line with the increased cost of the element. A welcome reduction is shown in Rochelle salt which has been decreased by 20s. per cwt. Seidlitz powder is also lower by 14s. 9d. per cwt.

Crude Drugs

A fairly quiet week has been reported in this market with surprisingly few price changes. The Japanese Agar, in the s.s. "Glenveg," should be landing shortly. It is understood that there are no restrictions as to the use of this material, but it must not be re-exported. The price to consumers is expected to be in the region of 19s. to 19s. 6d. per lb. Aloes have been somewhat dull during the past few days and Curação has been marked down by 10s. per cwt.; shipment offers are difficult as new season's cron is not yet available. Socoseason's crop is not yet available. Soco-trine is in fairly good supply but quality varies considerably between parcels; some is offered as low as 150s. per cwt. Cape, for shipment, is at 190s., c.i.f. Little change has been noted in Balsams and the market is rather dull. Cascara sagrada is tending easier no doubt as a result of the release of lend-lease material. Cascarilla is less active and quotations have eased slightly. Some holders of Colocynth are prepared to take lower prices. Shipment quotations for GUM ACACIA are lower than last week. Nicaraguan IPECACUANHA is easing after a period of firmness. Chinese MENTHOL is selling at higher prices. Quince seeds are difficult to obtain; Cape will not be available until the June shipment. Rhubarb is quoted at lower prices and so is SENEGA. TRAGACANTH is unchanged and is a quiet market. Valerian is rather dull. Spot quotations for Candelilla wax are higher - but Carnauba shipment values are easier after a very firm period.

Essential and Expressed Oils

The market for ESSENTIAL OILS has been easier this week mainly as a result of lower prices in the East. The following oils are selling at lower figures: CASSIA, CINNAMON LEAF, Ceylon CITRONELLA,

GERANIUM (Bourbon), Cochin Lemongrass and Palmarosa. A good inquiry is reported for sweet Almond, which is also quoted at lower prices. English-distilled Nutmeg is rather scarce.

The SYNTHETICS and ISOLATES are in good demand and prices are fairly steady. The supply position is, however, still very difficult for many of these products.

U.S. Drug and Chemical Report New York, April 11

HIGHER prices for chemical solvents, as announced in March, came into effect during the week; in addition, Alcohol manufacturers increased all formulas by 16 cents per gall., bringing prices to new high levels. This action is expected to be reflected in Alkaloids, Solvents and certain Aromatic Chemicals in the near future. Tartaric acid now costs 50 cents per 1b, as compared with 55 cents previously and Cream of Tartar is priced at 42 cents per 1b., a four cent reduction.

A considerable amount of forward business in Chinese Menthol is reported; according to the Journal of Commerce, the price is equivalent to about \$8 per lb., duty paid, New York. The Brazilian product, however, is quoted between \$8.50 and \$9.00 per lb., duty paid, and the trade here would not be surprised if schedules were increased further, despite the present quiet conditions in the U.S. spot market. Advices reaching here from Japan say that production of PEPPERMINT OIL in that country has declined to about 20 per cent. of the pre-war level, home demand has increased and that the quantity available for export at the present time is limited to between 10 and 15 per cent. of the amounts of a few years ago; production is being increased however. The CRUDE DRUG market here continues

The CRUDE DRUG market here continues quiet with notable demand shown only in items imported from Central European and other foreign countries. It is believed in some trade circles here that the recent announcement of the impending imposition of a ban on Candellla wax cutting and harvesting in Mexico is a move to keep the price of wax at a high level in view of the possibility of further Carnaura price reductions. The arrival of about 1.00 tons of Madagascar Vanilla beans has brought an easier tone to the U.S. market. Shipment to the U.S. of about 1.000 bales of Quillaia Bark from Chile has been welcomed by the trade. A small number of price reductions among Essential Oils is again reported; soap manufacturers who had been withholding from the market, in the hope of further price cuts in Citrronella, etc., are now showing more interest. Aromatic Chemicals are likely to go higher in price in view of advances in alcohol costs.

Pharmaceutical Chemicals

ASCORBIC ACID.—Current quotations are from £23 10s. per kilo, upwards.

ASPIRIN.—Makers' prices per lb., in the home market, are as follows: 28 lb. and under 1 cwt., 4s, $4\frac{1}{2}d$, (1-lb.), 4s, $3\frac{1}{2}d$, (2-lb.), 4s, 3d, (4-lb.), 4s, 2d, (7-lb.), 4s, $1\frac{1}{2}d$, (14-lb.), 4s, $0\frac{1}{2}d$, (28-lb.). Net one month.

DIGITOXIN.—Current quotations are in

he region of 170s. per gm.

EMETINE.—Makers' prices per oz. are as follows: Hydrochloride, 1 oz., 207s.; 4 oz., 200s.; 16 oz., 197s. 6d.; 32 oz., 195s.; Bis-MUTH IODIDE, 1 oz., 103s. 6d.; 4 oz., 102s.; 6 oz., 100s. 6d.; 32 oz., 99s.

Ergometrine.—Makers quote the Base it 370s. per gm.; the ACID MALEATE is priced at 275s. per gm.

HEXAMINE.—B.P. is quoted at from s. 5d. to 1s. 9d. per lb., as to quantity.

HEXYL RESORCINOL.—Quoted from 18s. to

Os. per oz. upwards. Homatropine.—Makers'-prices per oz. HOMATROPINE—markets pitch as follows (prices per gm. in brackets): Likaloid.—1 oz., 97s. 6d.; 4 oz., 92s. 6d.; 6 oz., 87s. 6d. (4s.). Hydrochloride, IYDROBROMIDE and SULPHATE.—1 oz., 75s.; oz., 70s.; 16 oz., 65s. (3s. 2d.).

ICHTHAMMOL.—B.P. material is quoted n bulk at 4s. 3d. 28-lb. tins are 4s. 9d.; 4-lb., 5s.; 1-lb., 5s. $10\frac{1}{2}$ d. per lb.

LACTATES.—Makers' quotations per lb. re as follows: CALCIUM, 2s. 3d. to 2s. 9d.; DALCIUM SODIUM, 3s. 3d. to 3s. 9d.; LACTIC CID, 3s. to 3s. 3d.

Lactose.—Quotations are from £120 per on upwards, according to quantity.

LECITHIN. — Ex ovo, 85 per cent., is uoted at prices from 90s. per lb., upwards.

Magnesium trisilicate.—Prices for the ome market are from 3s. 6d. to 4s. per lb., ccording to quantity and pack.

Mandelic acid.—Current prices are as ollows: 1 lb., 22s. per lb.; 4 lb., 20s. 3d.; lb., 18s. 6d.; 14 lb., 16s. 9d.; 28 lb., 15s.

METHYL SALICYLATE.—Current rates are s follows: Winchester quarts, 2s. 2½d. per b.; 56 lb., in demijohns, 2s. 1d.; 1 cwt. in lemijohns or carboys, 2s. 0½d.; 5 cwt., 2s. Il prices are net.

METHYLTHIONINE CHLORIDE.—Quotations re from 8s. 6d. to 10s. per lb., according

PANCREATIN.—Price of B.P. material is rom 13s. 6d. upwards, as to quantity.

PARALDEHYDE.—Rates for B.P. material re as follows: 5 carbovs, 1s. 5d. per lb.; carboy, 1s. 6d.; 24 Winchester quarts, s. 7\frac{1}{3}d.; 17, 1s. 8\frac{1}{2}d.; 6, 1s. 10d.; 3, 1s. 11d. er lb.

Peptone. — Importers' quotations are rom 13s. to 15s. per lb., as to quantity.

PYROGALLOL.—Current rates are as fol-ws: 1-cwt., 21s.; 56-lb., 21s. 6d.; 28-lb., 2s. 6d. per lb. Resublimed, 4s. per lb. bove these rates. Prices are net.

Crude Drugs

ALOES.—Curação is lower at 240s. per cwt., spot; forward, from 230s. to 240s., c.i.f. Socotrine is quoted from 175s. to 190s. per cwt. for fair to good material; poorer grades are offered at as low as 150s. Cape, for shipment, is quoted at 190s., c.i.f.

ANISE (STAR).—Spot, 190s. to 210s. per cwt.; shipment, 120s., c.i.f.

Antimony.—Prices are unchanged and are as follows: 99.6 per cent. regulus, £157 10s. per ton, delivered; 99 per cent., £150 per ton; 70 per cent. crude, £125 per ton.

Balsams.—Somewhat quiet. Canada is in routine demand at 15s. per lb., spot; Pará Copaiba is quoted at from 8s. to 9s. per lb.; Peru is steady at 7s. 9d. to 8s. per lb., duty paid. Tolu prices vary according to holder and are from 18s. to 19s. per lb., spot, with shipment at 18s. 6d., c.i.f.

BENZOIN.—Spot quotations for Sumatra are steady at from £20 to £25 per cwt., according to quality.

Buchu.—Short-rounds are at 4s. 1d. to 4s. 3d. per lb., spot; forward, 4s., c.i.f.

Calumba.—Spot quotations for washed root are from 80s. to 85s. per cwt. Natural root is offered at 55s. to 60s. per cwt.

Camphor. — Steady. Chinese tablets $(\frac{1}{4}$ -oz.) are firm at 12s. per lb., spot; refined powder (B.P.), 11s. 6d.; $2\frac{1}{2}$ -lb. slabs, afloat, quoted at 10s. 6d. per lb., landed, duty paid.

CANTHARIDES. — Chinese is offered at 17s. 6d. per lb., landed.

Cardamoms.—Quiet and steady. Mangalore, half-bleached, A's are quoted at Ss. 9d. per lb.; B's, 8s. 3d. per lb.; seeds, 7s. 9d., spot. Aleppy seeds, No. 1, are at 8s, per lb.; Aleppy greens, 7s. per lb., spot.

Cascara sagrada.—Quiet. Quotations are at 270s. to 280s. per cwt., duty paid, according to holder.

Cod-Liver.—Participation in this year's Lofoten codfishery is large and the season, so far, has been favoured with good weather. The catch of fish and the production of oil, for the whole of Norway, is exceeding that registered at this time last year. Current production of cod-liver oil, compared with similar periods in previous years, is shown in the following table:-

Year	Cod fish	Cod-liver oil
	tons	hectolitres
1943	50,526	15,218
1944	81,474	30,043
1945	69.989	32,712
1946	133,557 158,262	69,987
1947	158,262	83,048

1 hectolitre=202.82 lb.

In spite of the improvement in supplies, prices in Norway are very firm and an exceptionally brisk demand is reported.

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CASCARILLA. - Quills are lower at 1s. 11d. per lb.; siftings are quoted at 1s. 6d. spot.

Cassia Bark.—Spot. Whole is quoted at 67s. 6d. per cwt. and broken at 60s.

Cassia pods (C. fistula).—East Indian is steady at 90s. per cwt., ex wharf.

CHILLIES.—Mombasa, quoted at 165s. to 170s. per cwt., spot; Nigerian, 135s. to 140s.; Japanese-type, 190s. to 200s.

CINNAMON.—Quillings are quoted at 2s. 10d. per lb., spot; featherings, 2s.; chips, sifted and washed, 1s. 3d. to 1s. 6d., according to quality.

CLOVES.—Zanzibar are quoted at 10d. per lb., spot. Penang are offered at 3s. to 3s. 6d. per lb.

Cochineal.—Silver-greys, for the home trade, 4s. 6d. per lb., on the spot; blacks, very scarce, are quoted at 5s. 9d. per lb.

Colocynth.—Prices are unchanged with fine-white at 2s. 2d. and medium-white 2s. per lb., spot.

DIGITALIS.—Portuguese is steady at 130s, per cwt., spot. English-grown, 2s. 6d. per lb.

Ergot.—Firm. Quoted at 5s. 3d. per lb.,

spot; to arrive, 5s., c.i.f. Euphorbium.—The price is unchanged at 80s. per cwt., spot.

Galangal.—Forward, 75s. per cwt., c.i.f. Gentian.—French natural root is quoted

at 100s. per cwt.; cut, 130s., spot. GINGER.—Jamaica No. 1 is quoted at 125s, per cwt.; No. 2, 105s.; No. 3, 102s. 6d. to 107s. 6d. spot. African is steady at

72s. 6d., spot.

Guaiacum resin.—A few cases of lump are offering at 3s. 6d. per lb., duty paid, ex warehouse.

Gum acacia.—Kordofan cleaned sorts is quoted at 76s., spot; shipment, easier at 70s. 6d. per cwt., c.i.f. Bleached No. 1, 145s., ex store. Talha, cleaned, is quoted at 45s., spot; forward, easier at 39s., c.i.f.

GUM MASTIC.—Quoted at 18s. per lb., duty paid, for No. 1 material.

Henbane.—Indian leaf is quoted at 250s. per cwt., spot.

HENNA.--Indian leaves would be worth 1s. 5d. per lb., landed.

Hydrastis.—Steady. Spot quotation is 60s. per lb.; forward, 57s., c.i.f.

IPECACUANHA.—Nicaraguan root is quoted from 29s. to 30s. per lb. for spot and ship-

ment is at 26s., c.i.f. IRISH MOSS.—French material, finest-quality bleached, is quoted at 120s. per cwt.; No. 1 is at 105s.; No. 2, 95s. per cwt.

JUNIPER.-Firm. Italian berries are quoted from 56s. to 65s. per cwt., according . to quality.

Kamala.-Material with a test of 6 per cent. ash is available at 3s. per lb., spot.

KARAYA.—No. 1 gum is quoted at 215s. to 220s. per cwt., spot; No. 2, 170s.

Lanolin.—In difficult supply because o shortage of raw material. Prices for B.P. quality are around £105 per ton, delivered for the ANHYDROUS and £101 for th Hydrous material.

LIQUORICE ROOT.—Anatolian whole roo is steady at 60s. per cwt., on the spot Turkish juice (block) is quoted at 250s. to 260s., spot; forward, 190s., c.i.f.

LOBELIA.—Spot, 6s. 6d. per lb., nominal MACE.—West Indian pale is quoted a 7s. 6d. to 8s. per lb., spot; pickings, from 5s. 3d. to 5s. 9d. per lb., according to quality

Menthol.—Brazil is at 49s. to 50s. pelb., duty paid, according to holder. Chinese is firmer at 51s. to 52s. 6d., duty paid forward quotations are at 48s. 6d., c.i.f.

MERCURY. — Spot quotations are at £20 10s. to £22 per flask, ex warehouse; for shipment, £20 6s., c.i.f.

Myrrh.—Aden sorts are quoted at £14 to £17 per cwt., according to quality; siftings, £8 to £10 per cwt.

NUTMEGS.—West Indian 80's are quoted at 4s. 6d. per lb., spot; 110's are available at 3s. 9d.; sound unassorted 3s. 7d.; wormy and broken, 3s. 4d.

Nux vomica.—Madras, steady at 40s. to 42s. 6d. per cwt.; Mangalore, 40s.; Cochin, 42s. 6d. to 45s., spot, according to seller.

OLIBANUM.—Fine drop is quoted at 250s. per cwt.; pea, 240s. to 250s.; garblings, 180s.; seeds, 175s.

ORANGE PEEL.—Spanish quarters, steady at 1s. 6d. per lb., spot; sweet ribbon, 1s. 9d. per lb. Italian bitter quarters are quoted at 1s. 6d. per lb., spot.

ORRIS.—Firm. Florentine is quoted at 150s. to 160s. per cwt.

Papain.—East African white, 33s. to 34s. per lb., spot, nominal.

PEPPER.—Indian black, whole, 2s. to 2s. 2d. per lb., spot; ground, 2s. 2d. to 2s. 4d. White, whole, unquoted; ground, 3s. 4d. to

3s. 6d., spot. PIMENTO.—Spot, 1s. $0\frac{1}{2}$ d. to 1s. 1d. per A quiet market.

Quassia.—Chips are quoted at 45s. per cwt., spot, nominal.

Quillaia.—Natural bark, quoted at 130s. per cwt.; cut, for future delivery, 150s., ex

Cape, 7s. 6d. Quince seeds.—Scarce. per lb., spot, nominal.

RHATANY.—Steady. Spot quotations are

unchanged at 11d. per lb.

RHUBARB.—Chinese rough round, with a fair fracture, 8s. to 9s. per lb., according to quality and holder; forward, 5s. 6d. to 7s. per lb., c.i.f. French rhapontica is available at 2s. 3d. per lb., spot.

Sandarac.—Quotations are at 6s. 3d. to 6s. 6d. per lb., ex store London.

Sarsaparilla. — Jamaica, native red, is quoted at 2s. 4d. per lb. There is a good demand for grey but none is available.

SEEDS. — ANISE. — Cyprus offered at 2s. 4\frac{1}{2}d. per lb., spot London or Liverpool. CARAWAY.—Dutch is 1s. 6d. per lb., duty paid, spot London. CELERY.—Indian quoted at 1s. 6d. per lb., spot London or Liverpool. CORIANDER.—Spot, Morocco quoted at 60s. per cwt., duty paid, in London; Indian, nominal, 65s. per cwt.; English, 85s. per cwt.; Italian offered at 60s., duty paid. Cumin.—Spot, Morocco quoted at 240s. per cwt., duty paid; Indian, 235s. per cwt., ex store Hull or Liverpool; Cyprus, 240s. per cwt., ex wharf London. DILL.—Indian effered at 45s. per cwt., spot London or offered at 45s. per cwt., spot London or Liverpool. FENNEL.—Indian, 120s. per cwt., ex wharf London or Liverpool. Fenu-greek.—Indian, 50s. per cwt., ex wharf London and 48s., ex wharf Liverpool.

SENEGA.—Spot quotations are lower at 14s. per lb.

SENNA.—Tinnevelly leaves, spot, No. 1, 1s. 2d.; No. 2, 10½d.; No. 3, 10d.; No. 4, 3½d. Tinnevelly pods, hand-picked, 10½d. o 1s. 4d.; manufacturing, 6d. to 6½d. Alexandrian pods, hand-picked, spot from is, 3d. to 4s. 9d., according to quality; nedium, 2s. 9d.; manufacturing, 1s. 9d. to s. per lb.

SHELLAC.—Spot quotations ex warehouse condon are as follows: F.O.T.N., pure, 345s. per cwt.; F.O. standard No. 1, 355s.; F.O. lemon, No. 1, 375s.; F.O. lemon, No. 2, 375s.; buttonlage 375s. 365s.; A.C. garnet, 375s.; buttonlac, 375s. per cwt.

Squill.—Italian is quoted at 70s. per wt., spot.

STROPHANTHUS. — In limited s combé seed, 100 per cent., 10s. per lb.

STRAMONIUM.-Indian leaf is quoted at

5s. per cwt., on the spot. STYRAX.—Small quantities are available at 5s. per lb., duty påid.

Tonka beans.—Frosted Pará is steady at

is. to 5s. 6d., spot, as to holder.

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TRAGACANTH.—Steady. Selected grades re quoted at £155 per cwt. Other grades re as follows: No. 1 white, £145 per cwt.; No. 2 white, £125; No. 3 white, £110; No. white, £85; pale leaf, £50; amber leaf, £5; dark amber, £35; brown leaf, £25; ed-and-brown leaf, £20; red leaf, from £17; leaf. loggy, £12 to £15 per cwt.

TURMERIC.-Madras finger is quoted at

rom 105s. to 110s. per cwt., spot.

VALERIAN.—Belgian root is steady at 10s. to 240s. per cwt., according to holder. WAXES .- BEES' .- Dar-es-Salaam, scarce WAXES.—BEES'.—Dar-es-Salaam, scarce t 365s. per cwt.; shipment, 355s., c.i.f. indi, firm at 360s. per cwt., spot; shipnent, 350s., c.i.f. Candelilla.—Spot, rmer at 455s. per cwt.; forward, 442s. 6d., i.f. Carnauba.—Fatty grey, spot, 925s. er cwt.; now loading, 860s., c.i.f.; Aprilfay shipment, easier at 770s., c.i.f. Prime ellow, spot, 1,200s.; near afloat, 1,100s.; ow loading, 1,060s., c.i.f.; April-May shipnent, 1,050s., c.i.f. Medium yellow, spot, 1,160s. per cwt. Montan.—Steady. Czechoslovak crude, 345s. per cwt., spot. OURICURI.—7.1 per cent., quoted at 520s. per cwt., spot. 2 per cent., spot, 570s. per cwt.; for shipment, 495s., c.i.f. 6 per cent. shipment, 465s., c.i.f.

Essential and Expressed Oils

Almond.-B.P. sweet is available at somewhat lower prices of 7s. 6d. to 9s. per lb., according to quantity.

Cassia.—Easier. Quotations are from 16s. 6d. to 20s. per lb., on the spot. according to quantity.

CINNAMON LEAF.—Quotations are at from 14s. to 15s. per lb., according to quantity.

CITRONELLA.—Ceylon is an easier market. Spot quotations are in the region of 9s. 6d. to 12s. per lb.; shipment prices are somewhat lower.

CLOVE.—English-distilled from buds is quoted at 11s. to 12s. per lb., according to quantity.

Geranium.—Bourbon, 75s. to 82s. 6d. per

lb., according to quantity.

Lemongrass.—Cochin is quoted at from 14s. 6d. to 16s. 6d., spot, according to seller and quantity; forward quotations are easier.

Palmarosa.—Easier. Spot, 40s. to 45s. per lb., according to quantity.

Synthetics and Isolates

MANY of these products remain in short supply. Prices per lb. are as follows: ACETOPHENONE.—10s, Gd. AMYL ACETATE. About 2s. 9d. AMYL BUTYRATE.—Ss. 6d. to Gs. AMYL BUTYRATE.—Ss. AMYL CINos. AMYL buttrate.—ss. AMYL cin-namic aldehyde.—25s. to 30s. AMYL SALICYLATE.—4s. 6d. Anisic aldehyde (Aubepine).—Ex paracresol, 25s.; perfumers', 40s. Benzyl acetate.—4s. to 4s. 6d. Benzyl alcohol.—4s. to 4s. 6d. Benzyl Isoeugenol.—37s. 6d. Benzyl proprion-ATE.—7s. 6d. BENZYL SALICYLATE.—12s. 6d: BIPHENYLMETHANE.—7s. BORNYL ACETATE.
—12s. 6d. to 15s. BUTYRIC ACID.—7s. 6d. CINNAMIC ALCOHOL.—20s. CINNAMIC ALCHOLOL.—Ex Ceylon oil, 47s. 6d. COUMARIN.—20s. ETHYL BENZOATE.—5s. to 6s. ETHYL PHTHALATE.—2s. to 2s. 6d. EUGENOL.—18s. 6d. GERANIOL.—Ex Ceylon oil, 40s. Heliotropine.—22s. 6d. Hydroxycitronellal.—155s. to 165s. Iso-eugenol.—22s. Indol.—25s. (per oz.). Ionone.—100 per cent., 90s. Linalol.— LINALYL ACETATE.—70s. METHYL ACETOPHENONE.—148. METHYL ANTHRAN-ILATE.—20s. METHYL BENZOATE.—6s. METHYL CINNAMATE.—13s. METHYL IONONE. Musk xylol.—13s. NEROLIN -100s. NEROLIN YARA YARA.-BROMELIA.—19s. 8s. 6d. to 9s. Phenylacetaldehyde.—60s. PHENYLACETIC ACID.—8s. 6d. PHENYLETHYL ALCOHOL.—16s. 6d. RHODINGL.—200s. STYROLENE ACETATE.—13s. 6d. TERPINEOL.—Perfumers', 5s. 9d. TERPINEOL ACETATE. -13s, 6d.

TRADE MARKS

(From "The Trade Marks Journal,"

March 26)

- "Geigy" in distinctive lettering, "D.D.T." superimposed. Letters "D.D.T." disclaimed; for dichlorodiphenyl-trichlorethane for use in manufactures (1). By J. R. Geigy Société Anonyme, 215 Schwarzwaldallee, Basle 16, Switzerland. B636,748.
- "Geiev" and "D.D.T." within chemical symbol for diphenyl. Letters "D.D.T." and chemical symbol disclaimed; for dichlorodiphenyltrichlorethane for use in manufactures (1). By J. R. Geigy Société Anonyme, 215 Schwarzwaldallee, Basle 16, Switzerland. B696,749.
- "KAMERA KLEAR"; for grease paint (3). By L. Leichner (London), Ltd., Leichner House, 30-32 Acre Lane, London, S.W.2. B630,896.
- "INSPIRATION"; for perfumes, toilet preparations (not medicated), cosmetic preparations and soap (3). By Picot, Ltd., 191 Hammersmith Road, London, W.6. B644,608.
- "AMBREDOR"; for soaps, perfumes, toilet preparations (not medicated), essential oils, cosmetic preparations, and preparations for the hair (3). By Ambresil, Ltd., 31 East Parade, Harrogate, Yorkshire. 643,620 (Associated).
- "FAY"; for soaps (3). By Thomas Hedley & Co., Ltd., Phoenix Buildings, Collingwood Street, Newcastle-on-Tyne. 645,179 (Associated).
- "ASTRABLOOM"; for toilet preparations (not medicated), and cosmetic preparations (3). By George J. Rossiter, 100 Rossiter Road, London, S.W.12. 645,853.
- "Badinage"; for bath salts, talcum powder, face powder and face cream, all being non-medicated toilet preparations; lipstick, brilliantine, hair lotions, soaps, perfumes and dentifrices (3). By Coty (England), Ltd., 3 Stratford Place, London, W.1. 646,099.
- "Morbopol"; for polishes for sporting articles (3). By Richard A. Morriss, 12 Briar Lane, Carshalton, Surrey. 646,118
- "ECSTASY"; for toilet preparations (not medicated) (3). By Robert Blackie, Ltd., 83 Bellenden Road, Peckham, London, S.E.15. 646,352.
- "BISKOLIN"; for pharmaceutical preparations and substances, but not including medicated tablets for human use (5). By Bayer Products, Ltd., Africa House, Kingsway, London, W.C.2. 645,313.
- "ENTONIN"; for pharmaceutical preparations and substances (5). By Bayer Products, Ltd., Africa House, Kingsway, London, W.C.2. 645,617 (Associated).
- "Skaters"; for medicated toilet paper (5). By Superior Papers, Ltd., Bridge Works, Iver Lane, Cowley, Middlesex. 646,206 (Associated).
- "Prodorm" in distinctive lettering. Letter "D" disclaimed; for ear pluss (8). By Fernando Marchesi, 49 Avenue d'Ouchy, Lausanne, Switzerland. B644.091.
- "SKATERS"; for toilet paper (not medicated) (16).

 By Superior Papers, Ltd., Bridge Works, Iver
 Lane, Cowley, Middlesex. 646,205 (Associated).

- "Foraz"; and device of razor blade, holder and strop and words "100 shaves to one blade." Exclusive use of devices disclaimed; for appliances for holding safety-razor blades (8). By Felix Octave Rebeaud, 11 Craven Street, London, W.C.2. 645,506.
- Specification No. B642,277 by John Charles, Ltd., should be altered so as to read "Medicated pastilles and medicated tablets."

(From "The Trade Marks Journal," April 2)

- "Verdone"; for chemical substances used in agriculture, horticulture and forestry (other than fungicides, insecticides and preparations for killing weeds), and natural and artificial manures (1). By Plant Protection, Ltd., Yalding, Kent. 644,982.
- "A Travers Champs," "Bouquet De Faunes" and "Vague Souvenir"; for toilet preparations (not medicated), cosmetic preparations, perfumes, perfumed soap, and preparations for the teeth and hair (3). By Guerlain, Ltd., Corner of Aintree Road and Frazer Road, Perivale, Middlesex. 643,377,-80,-99.
- "STEINER" accompanied by the mark "S.3" on decorative background; for toilet preparations (not medicated) (3). By Steiner, 66 Grosvenor Square, Bond Street, London, W.1. B643,406 (Associated).
- "JUSSY SAINT-JAMES"; for toilet preparations (not medicated), perfumes, soaps, essential oils, cosmetic preparations, hair lotions and dentifrice (3). By Parfumerie de Jussy Saint James, Veuve L. Dupont & Fils (S.A.R.L.), 58 Rue de le Republique, Montreuil-sous-Bois (Seine), France 645,255.
- "COMMAND PERFORMANCE"; for perfume, toilet preparations (not medicated), cosmetic preparations dentifrices, depilatory preparations, toilet article (not included in other classes), sachets for use it hair-waving, soaps and essential oils (3). By Moore Medicinal Products, Ltd., 7 Bon Accort Square, Aberdeen, Scotland. 645,358.
- "Max Factor Hollywood" and mask device (wore "Hollywood" disclaimed); for face powder face creams, make-up and make-up remover spirit gums, collodion, toupee tape, tootl enamel, toilet soap, eyebrow pencils, eyelasl colouring, rouge, cold cream, talcum powder solid and liquid brilliantine, lipsticks, lip-glos and pomades, preparations for the hair, ey shadow, lotions, eau de Cologne and toilet waters astringent lotions and creams, make-up blenders sun-tan oil, all being goods for toilet use or for use in theatrical motion picture, television ophotography make-up (3). By Max Factor & Co., 1666 North Highland Avenue, Hollywood California, U.S.A. 645,531 (Associated).
- "BILE BEANS" on label device (letter "B" dis claimed, and the mark is limited to the colour red, buff, white and blue as shown in the repre sentation on the form of application); for medicines for human use (5). By C. E. Fulford, Ltd. 58 Carlton Cross Street, Carlton Hill, Leeds 642,198 (Associated).

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This year which marks the 150th anniversary of Howards as manufacturers of fine chemicals, should be one of rejoicing for us. Unfortunately it is not.

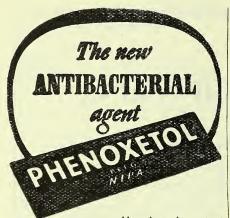
The recent fuel crisis, while it did not succeed in closing our factory, reduced our supplies of raw material so that we, and our customers, are now feeling the pinch. As a result, certain of Howards' products are in short supply, and will remain so for a time until we can make up the lost ground.

We are doing everything in our power to distribute our supplies as fairly as possible, but we have to ask our good friends in the trade to be patient if they cannot get all the Howards' products they would like, when they like.



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References: Lancet, 1944, 247, pp. 175 and 176.

British Medical Journal: 1946, 1. p. 50.

Pharmaceutical Journal: 1945, 155, p. 245. Original Bottles—100 c.c., 250 c.c., 500 c.c., 1,000 c.c., 2,000 c.c.

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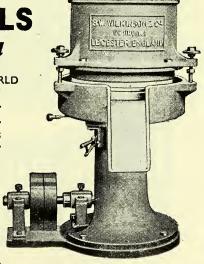
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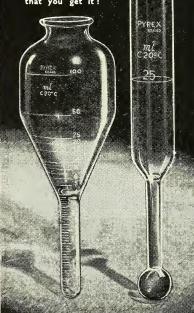


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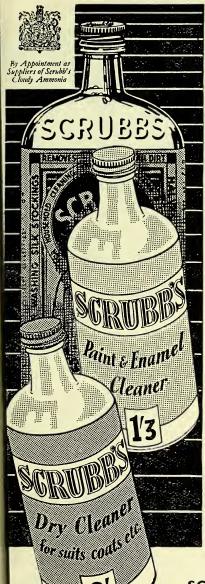
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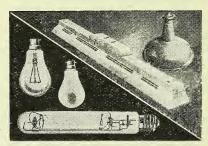


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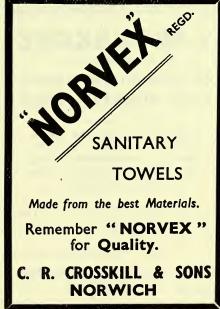
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for the

HOME TRADE AND EXPORT

ENQUIRIES
invited by
WHOLESALERS ONLY

FLENOVAK Limited

Fulwood House, Fulwood Place HIGH HOLBORN LONDON, W.C. I

Telephone: HOLborn 8308

RALGEX

Deliveries have
been improved since our last
announcement, though we
regret that there is still
some leeway to make up.

Any Customers who have not yet received a quota against outstanding orders are requested to advise us.

P.A.T.A.

PHARMAX LIMITED

Ibex House, Minories, E.C.3

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SECTO D. D. T.

The Sales of SECTO

prove the PUBLIC DEMAND
AN INSECTICIDE that KILLS!

Retail Prices of SECTO D.D.T. are:-

Powder

Liquid

1/3 2/6 5/6

3/- 6/- 15/-

Usual Trade Profit Margins and Discounts

SECTO CO. LTD., BLACKBURN

NO POINTS REQUIRED!!!

NO CHEMIST SHOULD BE WITHOUT THIS FINE ALL-YEAR SELLING LINE

"LIKRO-MENTHS"

LIQUORICE & MENTHOL PELLETS

6d. and I/- inc. tax.

Boxed 4 dozen packets to display outer 6d. size - - 18/6 per outer inc. tax. 1/- size - - 37/- per outer inc. tax.

Minimum — 3 outers (Carriage Paid)

WHOLESALE ENQUIRIES INVITED :-

W. JAMES DAVIES

(WESTERN) LTD.,

Maindy Works, Maindy, Cardiff



Formula for MEDICATED SWEET (which is sold at 9d. per Qr. lb. including tax, free of personal points) together with small plant. Sugar allocation is fairly substantial.

Apply-

R. D. BLACKWOOD 30 ELIZABETH STREET B L A C K P O O L

IOLOGICAL



PREPARATIONS

HE QUALITY OF ALL MBL PRODUCTS IS ABSOLUTELY ENTICAL WITH THAT OF PRE-WAR PREPARATION

ecause of our heavy purchases immediately before war broke out. Our stocks e still considerable and the high MBL standard will be fully maintained.

HERE IS NO SHORTAGE OF ANY OF OUR PREPARATIONS

			Retail	CHEMIST	S' PRICE	
			Prices	Per unit	Per dozen	
NTIPEOL			(inclusive of Tax)	Net + Purchase	Net + Purchase	
NTMENT	4 oz. tube	•••	· 6/8½	$4/2\frac{1}{2} + 8\frac{1}{2}$	50/5 + 8/5	
	40 gr. " 20 gr. "		1	$\frac{2/1\frac{1}{2} + 4\frac{1}{2}}{1/2 + 2\frac{1}{2}}$	25/3 + 4/3 14/- + 2/4	
QUID	40 c.c. bottle	•••		2/11 + 41	25/3 + 4/3	
PHTHALMO-A	NTIPEOL.					
gr. Nozzled Tub	e	•••	· 3/41/	2/11/2 + 41/2	25/3 + 4/3	
HINO-ANTIPE	01					
				1.00	214 . 244	
gr. Nozzled Tub	•	•••	·· 2/9 1	1/9 + 31	21/- + 3/6	
NTEROFAGOS	(ORAL AND					
× of 50 ampoule			19/-	13/3} None	159/7 None	
,, 10 ,,			·· 4/3	3/- None	35/8 None	
,, 5 ,,		•••	2/6	1/9 None	21/- None	
ETENSYL			ľ			
of 500 tablets			39/-	24/- + 4/-	288/- + 48/-	
L. Cro	,		·· 4/5}	24/- + 4/- 2/8\frac{1}{2} + 5\frac{1}{2}	32/4 + 5/3	
. JAMES' BAL						
of approx. 21			2/10	1/11 + 4	22/6 + 3/9 11/3 + 1/11	
be "	oz		1/5 1/2	11 + 2 9 + 2	9/- + 1/6	

Carriage paid on all orders of I dozen or £1 and over.
Terms: NETT. Monthly Account.

EDICO - BIOLOGICAL LABORATORIES LTD., LONDON, S.E.25



3/-and 5/-

Extensive advertising has created a big customer demand for this grand family tonic Cash in and get your fair share of this big profitable business.

NO LICENCE REQUIRED.

M. CALTHORPE & COMPANY LIMITED. Manufacturing Chemists OSSET

ALUMINIUM HYDROXIDE

Reversible and Thixotropic colloid. Stomalumine process

Snow white, odourless, tasteless & amorphous bowder



The Ideal Products for

ANTACID

POWDER and TABLET **FORMULATION**

Price for orders and contracts with sample gladly sent on request

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ETHYL PIPERIDINE

Reagent for the chemical assay

Available in Evaluation Quantities

Manufactured by

ROBINSON **BROTHERS LTD**

Chemical Manufacturers

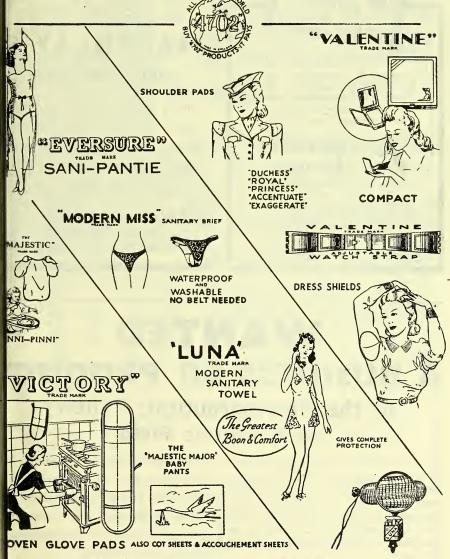
RYDERS GREEN, WEST BROMWICH

Head Office: OLDBURY, Birmingham

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A Few 4702 products



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MADE IN ENGLAND

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PRICE INCREASE of

MACAULAY'S

FAMILY LUNG SYRUP

Owing to increased production costs, the retail price of this popular remedy will be increased from 1/6 to 1/10 commencing 1st May, 1947

ASHLEY & WEEKS LTD

MANUFACTURING CHEMISTS
MITCHAM RD., LONDON, S.W.17

WANTED A BUSINESS OR PRODUCT

in the Pharmaceutical, Toiletry or Cosmetic Field

Do you have a business or product in the pharmaceutical toiletry or cosmetic field that has national sales possibilities? If you have, we are interested and would like to have brief particulars sufficient to lead to an interview with an Executive of this Company.

The advertisement is placed by one of the largest manufacturers and advertisers in the pharmaceutical and toiletry fields. We are interested in products old and new. National distribution is not essential.

All replies will be held in strictest confidence.

Address Box 164/543, C. & D. Office.



ARRESTING WINDOW SEALS
CONVINCING LITERATURE

SATISFIED USE

A large proportion of all stomach sufferers, and most long-standing cases do not respond well to alkaline or antacid products and call for A SAFE RELIABLE REMEDY ON SOME QUITE DIFFERENT PRINCIPLE. As THEY NEED IT, SOONER OR LATER—whether in your shop or elsewhere—SUFFERERS WILL DISCOVER PLESOX—and become satisfied users.

WHY LOSE such grateful customers with their constant repeat orders and recommendations to others.

Order now at 23/- mixed display cartons (8 small 4 medium) SHOWING 50% PROFIT ON OUTLAY.

Retail Prices: 2/3d plus 3d P. Tax. 4/11 plus 51 d P. Tax. 6/9d plus 9d P. Tax.

Distributors for GREAT BRITAIN: SPLENDOR LIMITED. NOTTINGHAM.

Dr. J. Collis Browne's Chlorodyne and The Pharmacy and Poisons Act, 1933

D'I. Collis Browne's

SALE RESTRICTED TO REGISTERED CHEMISTS

PURCHASER'S SIGNATURE NOT REQUIRED



Sole Proprietors:

J. T. DAVENPORT LTD.

UNION ST., LONDON, S.E.I

P.A.T.A.

PETHIDINE

D.D.A.

REGISTERS WHICH INCLUDE ABOVE

7/7 Including Tax Post Free

JAMES TOWNSEND & SONS, Ltd.
Chemists' Printers
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BENBOW'S OINTMENT

For Doggy Skin Ailments including ECZEMA · MANGE · RINGWORM

Now in a smart new tin! One size—one price only!

Retail $1/1\frac{1}{2}$ tin (inc. Pur. Tax). Trade 8/- per doz. (Plus 1/4 Pur. Tax)

SUPPLIES NOW AVAILABLE THROUGH WHOLESALERS ONLY

P.A.T.A.

Made by the makers of the Famous BENBOW'S DOG MIXTURE



is ready to manufacture your products in South Africa

FASSETT & JOHNSON, LTD. 86, CLERKENWELL ROAD, LONDON, E.C.1 Clerkenwell 2336

BRANCH HEAD OFFICE: 72/80, SMITH STREET, DURBAN. Also at Cape Town; Johannesburg; Port Elizabeth; and Bulawayo, Rhodesia.

British Manufacturers! There are many advantages to be gained by having your Pharmaceutical and Toilet Preparations made in South Africa.

We invite enquiries - in confidence — and offer the unrivalled facilities this new Factory now completed at 72/80, Smith Street, Durban, combined if required with marketing of British Proprietary Products, etc. in the South African and Rhodesian territories. Please write to London or Durban Office.

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and adequate supplies are available to meet the requirements of doctors in your area.

ISOBROM is consistently advertised in the medical press, by mailing campaigns and personal representation.

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Real Swansdown Pieces.				Α.		Doz.			
,,	,,	**	,,	В.	26/6	,,			
,,	,,	,,	,,	C.	37/6	,,			
			.,	D.	56/6	,,			
Sunglasses (Plastic) 30/- doz. 56/6 ,,									
Cosmetic Bags, Plastic, Asstd. Cols. 6/6 doz. + 100%									
	Bags,			10/-	+				
	A .		"	56/6	. +1				
	g Aprons	,, ,,	* *			63%			
		,, ,,		56/6					
		** **	,,	20/6	,, +3				
	tic Capes	,, ,,_,		36/6	,, +I	00%			
Baby Pants, Transparent Plastic, Elastic									
W	aist and Kr	nees			24/6	doz.			
Large '	Wader Pan	ts, similar	•••	•••	27/6	doz.			
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D. D. T. FLY PAPERS

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18/- per gross, 5 gross lots less 10%. Carriage Paid. Cash with Order. less Sample on request.

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SPECIAL PRICE FOR 100 MOORE'S GROSS LOTS, printed with own name.

8/10 GRANVILLE STREET, SHEFFIELD, 2

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In response to the GOVERNMENT'S APPEAL for
increased supplies of commodities to the MINING AREAS, we are prepared to make special quote allocations of PENTNOP TOILET & BEAUTY PREPARATIONS to those areas.

Enquiries Invited from Distributors and Retailers RUFF & CO. (SALES) LTD.
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VE OFFER.....
SULPHONATED FATTY ALCOHOL POWDERS
packed in two cwt. metal containers. Qualities o
13% and 18% in regular supply. Quotations for
higher concentrations on request. Keen prices
for contracts.

TEEPOL packed in 4/5 cwt. drums... 120/- per cwt.
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From 1 oz.

POWDERS & Mixed and packed to customers
TABLETS: Specifications.

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New Bottles of all types available for early delivery. Sizes 1/2 oz. to 8 ozs. Medicals and Toilets. Send full details of your requirements, stating sizes and quantities to Box 164/542, C. & D. Office.

PAPER HANDKERCHIEFS

Immediate Delivery, packets of 50 large size. Retail 10d. 5/- doz. plus tax, 1. Cash with order

> CLYDE UTILITIES LIMITED 73 DUNLOP STREET, GLASGOW

Large Quantities Machine Made 1 OZ. CANNON BOTTLES with Screw Caps FOR SALE.

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prepared undertake MANUFACTURE, PACKING AND DESPATCH of proprietary pharmaceutical lines

Enquiries 162/452 C. & D. Office.

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ENGLISH REFINED

AMPHOR B.P.

in flowers

which has been unobtainable for so many years is now available in moderate quantities.

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Biologically and Chemically Tested

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